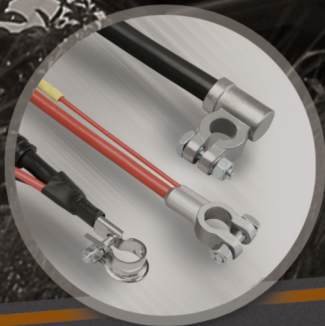


EASTPENN



2018/19

WIRE, CABLE, AND BATTERY
ACCESSORIES PRODUCT CATALOG


AND
**MARINE
MASTER**

Wire and Cable Division

A division of the world's Largest and Most Modern Single-Site Battery Manufacturing Facility

East Penn's Wire and Cable division is housed in a 250,000 square-foot facility equipped with state-of-the-art technology utilizing sound yet advanced manufacturing principles. This facility does not just assemble products, but performs the entire manufacturing process from start-to-finish. In fact, East Penn is a supplier to other battery accessory manufacturers who simply buy and assemble components. East Penn's Wire and Cable facility is an invaluable asset to the company's logistically convenient battery manufacturing plants.

East Penn has complete control of the many components in its manufactured products. This ensures the highest quality and complete customer satisfaction. In addition, changes and adjustments in the manufacturing process can be made easily to enhance product quality and achieve continuous improvement objectives. The company's vertically integrated structure enables efficient inventory and lead time control.

Included in a long line of renowned certifications, the Wire and Cable quality system has been certified to ISO 9001:2015 along with certification for ISO 14001:2015 Environment Management System. Every accessory meets rigid quality and performance standards such as the Society of Automotive Engineers, Underwriters Laboratories, and Canadian Standards Association when applicable.

Recognized globally as one of the leading high quality manufacturers, with the broadest product offering, East Penn manufactures some of the finest battery accessory, wire, and cable products in the industry.



GRAVITY LEAD CASTING

This unique process produces high quality lead terminals, which are cast with 100% recycled lead from our on-site EPA approved smelter.



DUAL CABLE EXTRUSION PROCESS

100% copper wire is coated with durable, color-coded PVC insulation.



BOOSTER CABLE ASSEMBLY

Heavy-duty, vinyl coated steel clamps are attached to 100% copper or copper clad conductor cables.



**100%
RECYCLED
ALLOY**


ALL EAST PENN MANUFACTURED LEAD PRODUCTS ARE BUILT WITH 100% RECYCLED LEAD ALLOY.

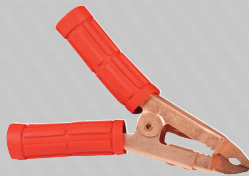
EASTPENN BOOSTER CABLE ASSORTMENT

Quick Reference

CLAMP OPTIONS

ADVANTAGES OF 100% COPPER

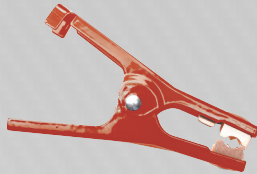
- **Maximum Current Capacity**
- **Long Life / Durability**
-  **Made in USA with US and imported materials, and Built to SAE Specifications**



1. Professional Service
2. High-Tension Clamp
3. Copper Plated Brass Current Carrying Jaw



1. Professional Service
2. High-Tension Clamp
3. Color-Coded



1. Commercial Service
2. High-Tension Clamp
3. Copper Plated Steel Jaw
4. Patented Design



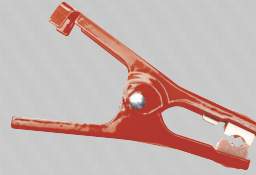
1. Standard Service
2. Color-Coded
3. Copper Plated Steel Clamp

ADVANTAGES OF COPPER/ALUMINUM

- **Cost Savings**
- **Lighter Weight**
- **Built to SAE Specifications**



1. Professional Service
2. High-Tension Clamp
3. Copper Plated Steel Jaw



1. Commercial Service
2. High-Tension Clamp
3. Copper Plated Steel Jaw
4. Patented Design



1. Standard Service
2. Vinyl Coated Clamp
3. Polarity Identification
4. Copper Plated Steel Jaw



1. Standard Service
2. Color-Coded
3. Copper Plated Steel Clamp

THE EAST PENN ADVANTAGE

- Industry leading fill rate of 98% or better coupled with the ability to be flexible when needed.
BENEFIT - Increased sales opportunities
- U.S. Manufactured or East Penn managed Direct Import program to stringent quality standards
BENEFIT - Assurance of East Penn trusted quality
- Experienced Sales Staff with a proven track record on growing sales
BENEFIT - Team supported by East Penn's Executive Staff, Marketing, Engineering and Manufacturing departments

EASTPENN BOOSTER CABLE ASSORTMENT

Choosing the right set of booster cables



PROFESSIONAL SERVICE
2 GAUGE / 24 FEET

- 100% COPPER
- HIGH TENSION CLAMPS



PROFESSIONAL SERVICE
2 GAUGE / 20 FEET

- 100% COPPER
- HEAVY-DUTY CLAMPS



COMMERCIAL SERVICE
4 GAUGE / 20 FEET

- 100% COPPER
- HIGH TENSION CLAMPS



HEAVY SERVICE
6 GAUGE / 16 FEET

- 100% COPPER
- MULTI-USE CLAMPS



MEDIUM SERVICE
8 GAUGE / 12 FEET

- 100% COPPER
- MULTI-USE CLAMPS

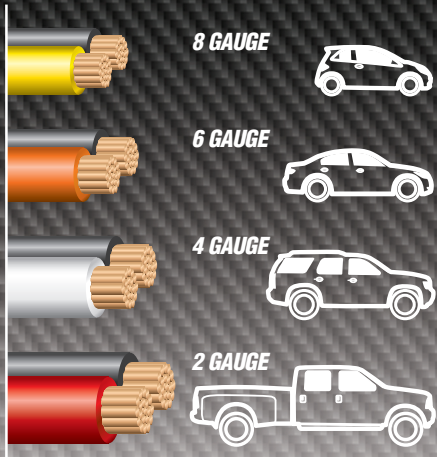


STANDARD SERVICE
10 GAUGE / 12 FEET

- 100% COPPER

WHAT GAUGE IS RIGHT FOR ME?

The smaller the gauge number, the bigger the diameter of the conductor inside the booster cable and the more capacity it will have.



WHAT LENGTH DO I NEED?

FRONT-TO-FRONT



SIDE-TO-SIDE



BACK-TO-FRONT



HOOK-UP:	10 FEET	12-16 FEET	20+ FEET
FRONT-TO-FRONT	✓	✓	✓
SIDE-TO-SIDE		✓	✓
BACK-TO-FRONT			✓

WHAT CONNECTION DO I HAVE?



REMOTE BATTERY ACCESS TERMINAL



Booster Cables and Clamps

East Penn booster cable sets are equipped with heavy-duty color-coded clamps. These clamps provide easy attachment on hard to reach side, top post, and remote battery access terminals. Colorful packaging assures high store display visibility along with convenient reusable storage.



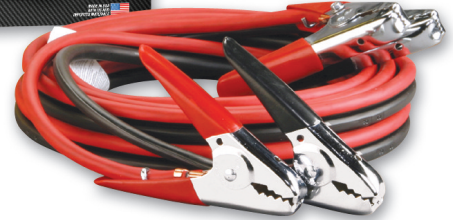
- **Booster Cables**
- **Replacement Clamps**



00161



00183



04424



07044



PROFESSIONAL SERVICE BOOSTER CABLES

Cables are made of 1/0 gauge 100% copper conductors. Made with welding cable. High stranding and EPR jacket allow for greater cold weather flexibility. Excellent abrasion resistance.

Cables are made of 2 gauge 100% copper conductors. Thermoplastic Elastomer (TPE) cable insulation protects against oil, grease, and abrasion. Color-coded, tangle-free dual cable construction, specifically designed for maximum flexibility and easy handling.

Part #	Gauge	Length	Clamp	Color	Packaging	Master Carton	
						Quantity	Weight
04424 ■	1/0	20'	600E	Black/Red	Plastic Box	2	40 lbs.

■ English only

Part #	Gauge	Length	Clamp	Color	Packaging	Master Carton	
						Quantity	Weight
00161 ■	2	24'	600P	Black/Red	Storage Bag	2	30 lbs.
00183 ● ¹	2	20'	600P	Black/Red	Retail Box	2	26 lbs.
00186 ●	2	20'	600P	Black/Red	Plastic Box	2	29 lbs.
07044 ▲	2	20'	600E	Black/Red	Retail Box	2	28 lbs.

¹Includes storage bag

■ English only

● English and Spanish

▲ English, French, and Spanish





00170



00159



00163



00169

COMMERCIAL SERVICE BOOSTER CABLES

Cables are made of 4 gauge 100% copper conductors. Tough PVC insulation, color-coded tangle-free dual cable construction.

Part #	Gauge	Length	Clamp	Color	Packaging	Master Carton	
						Quantity	Weight
00159 ¹	4	20'	500G	Black/White	Retail Box	4	38 lbs.
00163 ¹	4	20'	600P	Black/White	Retail Box	4	40 lbs.
00170 ¹	4	16'	500G	Black/White	Retail Box	4	33 lbs.
00337 ¹	4	16'	600P	Black/White	Retail Box	4	34 lbs.
00164 ¹	4	12'	500G	Black/White	Retail Box	4	28 lbs.

¹Includes storage bag
 • English and Spanish

HEAVY SERVICE BOOSTER CABLES

Cables are made of 6 gauge 100% copper conductors. Tough PVC insulation, color-coded tangle-free dual cable construction.

Part #	Gauge	Length	Clamp	Color	Packaging	Master Carton	
						Quantity	Weight
00162 ¹	6	12'	500G	Black/Orange	Retail Box	6	33 lbs.
00169 ¹	6	16'	500G	Black/Orange	Retail Box	6	37 lbs.

¹Includes storage bag
 • English and Spanish





00160



00168

MEDIUM SERVICE BOOSTER CABLES

Cables are made of 8 gauge 100% copper conductors. Tough PVC insulation, color-coded tangle-free dual cable construction.

Part #	Gauge	Length	Clamp	Color	Packaging	Master Carton	
						Quantity	Weight
00160 ¹	8	12'	500G	Black/Yellow	Retail Box	6	27 lbs.
00168 [▲]	8	12'	200C	Black/Yellow	Storage Bag	12	37 lbs.

- ¹Includes storage bag
- English and Spanish
- ▲ English, French, and Spanish



00153

00146

STANDARD SERVICE BOOSTER CABLES

Cables are made of 10 gauge 100% copper conductors. Tough PVC insulation with tangle-free dual cable and color-coded clamps.

Part #	Gauge	Length	Clamp	Color	Packaging	Master Carton	
						Quantity	Weight
00146 ^{▲2}	10	10'	50A	Yellow/Yellow	Storage Bag	12	16 lbs.
00153 [▲]	10	12'	200C	Black/Black	Sleeve	12	27 lbs.

- ²Used for small engine/motorcycle service
- ▲ English, French, and Spanish



04848



04955



04850



04851



04852

COPPER CLAD ALUMINUM BOOSTER CABLES

Tough PVC insulation, color-coded tangle-free dual cable construction.



BSB1

Part #	Gauge	Length	Clamp	Color	Packaging	Master Carton	
						Quantity	Weight
04369 ^{●1}	2	20'	600P	Red/Black	Retail Box	4	36 lbs.
04848 [▲]	2	20'	600P	Red/Black	Retail Box	4	34 lbs.
04370 [●]	4	20'	500G	White/Black	Retail Box	4	36 lbs.
04955 [▲]	4	20'	400B	Red/Black	Retail Box	4	22 lbs.
04850 [▲]	6	16'	400B	Red/Black	Retail Box	6	23 lbs.
04851 [▲]	8	12'	400B	Red/Black	Retail Box	6	15 lbs.
04852 [▲]	10	12'	200C	Red/Black	Sleeve	12	21 lbs.
00179 [▲]	10	12'	200C	Black/Black	Storage Bag	12	21 lbs.

- ¹Includes storage bag
- English and Spanish
- ▲ English, French, and Spanish

BOOSTER CABLE STORAGE BAG

All PVC with zipper closure.

Part #	Packaging	Master Carton		Dimensions	
		Quantity	Weight	Diameter	Thickness
BSB1	Bulk	10	5 lbs.	13.5"	1.75"



PLUG CONNECTOR BOOSTER CABLES

Cables are made of 100% copper conductors.

- 03667 consists of a 5' battery connector cable with plug connector and 15' cable with clamps.
- 04665 consists of a 5' battery connector cable with plug connector and 25' cable with clamps.
- Connector cable allows for easy access to battery power without opening the hood of charging vehicle.
- Clamp-end cable allows stranded vehicle to be easily reached.
- Tough PVC insulation, color-coded tangle free dual cable construction.
- Comes equipped with plug cover to prevent damage to plug when not in use.
- Clamp and jaw designed for 3 jump starting applications: top post, side terminal, and remote battery access terminal.
- Instructions included.

Part #	Gauge	Length	Clamp	Color	Packaging	Master Carton	
						Quantity	Weight
03667	4	20'	500G	Black/White	Retail Box	1	18 lbs.
04665	2	30'	600E	Black/Red	Retail Box	1	39 lbs.
04890	4	5'	—	Black/White	Retail Box	1	2 lbs.
04891	2	5'	—	Black/Red	Retail Box	1	3 lbs.



03667



04665



04890



04891

PLUG CONNECTOR COVER

- Cover prevents damage to plug when not in use.
- Fits 175A connectors, used on the above cables sets.



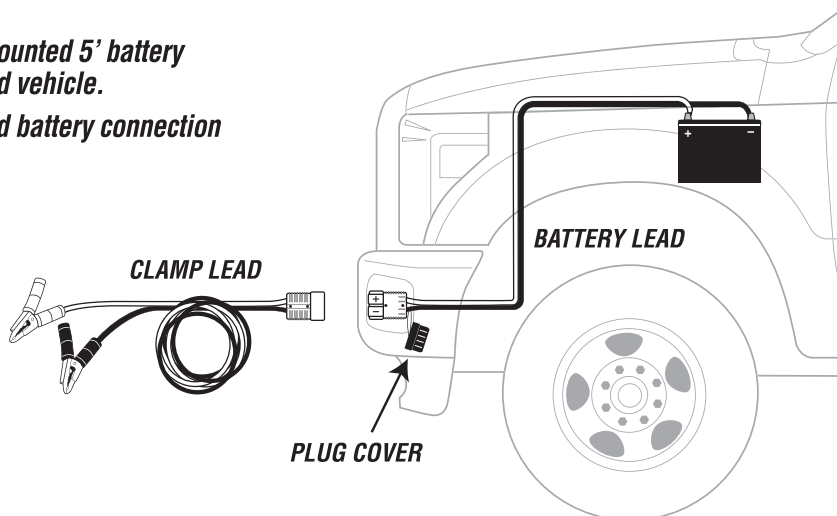
Part #	Color	Packaging	Master Carton	
			Quantity	Weight
31120	Black	Box of 4	1	1 lb.

IDEAL FOR SERVICE & FLEET EQUIPMENT

Allows mounting on service vehicle, using the 5' battery connection cable.

Simply plug the clamp cable into the mounted 5' battery connection cable to service the stranded vehicle.

Plug cover prevents damage to mounted battery connection cable plug when not in use.



ROADSIDE EMERGENCY KITS

BASIC KIT

Safety Kit Includes:

- Storage Case with Storage Velcro
- Booster Cable (8ft. 10ga.)
- Tow Strap (12ft. 1500lb. work load)
- Flashlight & 2 Batteries
- Rain Poncho & Gloves
- SOS/Help Sign
- First Aid Kit



31051

PREMIUM KIT

Premium Safety Kit Includes:

- Storage Case with Storage Velcro
- Booster Cable (8ft. 10ga.)
- Tow Strap (12ft. 1500lb. work load)
- Safety Triangle
- 7 LED Headlamp & 3 Batteries
- Blanket
- Rain Poncho & Gloves
- SOS/Help Sign
- First Aid Kit



31052



Part #	Kit Type	Packaging	Master Carton	
			Quantity	Weight
31051	Basic	Bag	4	17 lbs.
31052	Premium	Bag	4	21 lbs.



00184



00182



08756

Booster cable clamps are designed to grip securely to side terminal, post terminal batteries, and remote battery access terminals for maximum current carrying capacity. All booster cable clamps are color coded (Red/Black) for safety and visual appeal.

1000C 100% COPPER CLAMP

- For use with 1ga, 1/0ga, and 2/0ga cable

600P EXTRA HEAVY-DUTY CLAMP

Parrot Type

- For use with 2ga and 4ga cable

500G PVC COATED STEEL HEAVY-DUTY CLAMP

- For use with 4ga, 6ga and 8ga cable

500E PVC COATED STEEL HEAVY-DUTY CLAMP

E-Z Reach™ Type

- For use with 4ga, 6ga and 8ga cable

200C COPPER-PLATED STEEL CLAMP

Crimp Type

- For use with 8ga and 10ga cable



Part #	Packaging	Insulation Color	Master Carton	
			Quantity	Weight
08756	Clam Shell of 2	Red/Black	2	4 lbs.

Part #	Packaging	Insulation Color	Master Carton	
			Quantity	Weight
00184	Clam Shell of 2	Red/Black	2	2 lbs.
06137	Bulk	Red	10	5 lbs.
06138	Bulk	Black	10	5 lbs.

Part #	Packaging	Insulation Color	Master Carton	
			Quantity	Weight
06125	Clam Shell of 2	Red/Black	10	8 lbs.

Part #	Packaging	Insulation Color	Master Carton	
			Quantity	Weight
00182	Clam Shell of 2	Red/Black	10	9 lbs.
06139	Bulk	Red	10	5 lbs.
06140	Bulk	Black	10	5 lbs.

Part #	Packaging	Insulation Color	Master Carton	
			Quantity	Weight
00335	Card of 10	Red/Black	2	4 lbs.
08762	Clam Shell of 2	Red/Black	10	3 lbs.
08763	Bulk	Red	10	2 lbs.
08764	Bulk	Black	10	2 lbs.

TESTING AND SPECIALTY CLAMPS

50A CLAMP

Clamp for battery chargers, tune up and test equipment



JAW TYPE CLAMP

Available in 10, 25, and 50 amp



10 AMP ALLIGATOR CLAMP

Crimp Type



Part #	Packaging	Insulation Color	Master Carton	
			Quantity	Weight
00181	Card of 2	Red/Black	10	2 lbs.
00336	Card of 10	Red/Black	5	4 lbs.
06143	Bulk	Red	100	7 lbs.
06144	Bulk	Black	100	7 lbs.

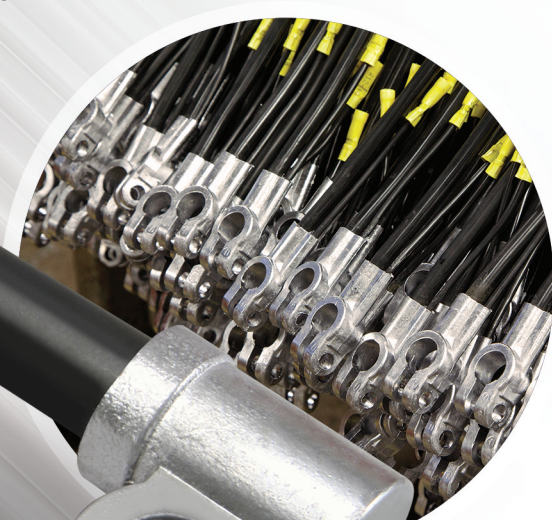
Part #	Type	Packaging	Master Carton	
			Quantity	Weight
00448	10 Amp	Clam Shell of 2	10	1 lb.
06146	10 Amp	Bulk	50	1 lb.
00503	25 Amp	Clam Shell of 1	10	1 lb.
06147	25 Amp	Bulk	25	1 lb.
00504	50 Amp	Clam Shell of 2	10	1 lb.
06148	50 Amp	Bulk	10	1 lb.

Part #	Packaging	Master Carton	
		Quantity	Weight
00505	Clam Shell of 2	10	1 lb.
06145	Bulk	100	1 lb.



Battery Cables

Battery cables are made of 100% copper conductor for maximum current flow. Gravity cast terminals are non-porous and made with 100% recycled lead. Lead is recognized as the premium choice in battery cable terminal construction because of its maximum current flow carrying ability, malleability, and corrosion resistance. Full gauge stranded copper core is flexible for easy installation and allows maximum current for quick starting. Copper core extends to the end of the plated lug to give a one piece solid connection. Wire meets SAE standards.



**100%
RECYCLED
ALLOY**

ALL EAST PENN MANUFACTURED
LEAD PRODUCTS ARE BUILT WITH
100% RECYCLED LEAD ALLOY.

- Packaged Battery Cables
- Bulk Battery Cables
- Specialty Cables
- Quick Connect™ Splices
- See page 110 for custom cable information

PACKAGED BATTERY CABLES

ALL BATTERY CABLES ARE PACKAGED ONE PER CLAMSHELL

6 GAUGE LAWN & GARDEN SWITCH-TO-STARTER CABLES

Fits up to 5/16" stud



Part #	Color	Length	Master Carton	
			Quantity	Weight
00679	Black	19"	5	1 lbs.
00680	Black	43"	5	3 lbs.
00681	Black	49"	5	3 lbs.

4 GAUGE TOP POST BATTERY CABLES

- Auxiliary leads are 4" long, 12 gauge

- Bolt and nut included

Fits up to 3/8" stud



Part #	Color	Length	Leads	Master Carton	
				Quantity	Weight
00784	Black	10"	0	5	3 lbs.
00292	Red	10"	0	5	3 lbs.
00785	Black	15"	0	5	3 lbs.
00293	Red	15"	0	5	3 lbs.
00801	Black	20"	0	5	4 lbs.
00294	Red	20"	0	5	4 lbs.
00802	Black	25"	1	5	4 lbs.
00295	Red	25"	1	5	4 lbs.
00803	Black	32"	1	5	5 lbs.
00296	Red	32"	1	5	5 lbs.
00804	Black	38"	1	5	5 lbs.
00297	Red	38"	1	5	5 lbs.
00805	Black	43"	1	5	5 lbs.
00298	Red	43"	1	5	5 lbs.
00808	Black	48"	1	5	6 lbs.
00299	Red	48"	1	5	6 lbs.
00809	Black	56"	1	5	6 lbs.
00328	Red	56"	1	5	6 lbs.
00810	Black	72"	1	5	6 lbs.
00329	Red	72"	1	5	6 lbs.

4 GAUGE SWITCH-TO-STARTER CABLES

- Recommended for engine to ground connections

Fits up to 3/8" stud



Part #	Color	Length	Master Carton	
			Quantity	Weight
00286	Red	16"	5	2 lbs.
00287	Red	18"	5	2 lbs.
00288	Red	24"	5	2 lbs.
00289	Red	32"	5	3 lbs.
00282	Red	40"	5	3 lbs.
00291	Red	49"	5	4 lbs.



4 GAUGE SIDE TERMINAL BATTERY CABLES

- Auxiliary leads are 4" long, 12 gauge
 - Bolt included
 - Fits side terminal battery
- Fits up to 3/8" stud**



Part #	Color	Length	Leads	Master Carton	
				Quantity	Weight
00813	Black	20"	1	5	3 lbs.
00330	Red	20"	1	5	3 lbs.
00308	Black	25"	1	5	4 lbs.
00302	Red	25"	1	5	4 lbs.
00875	Black	30"	1	5	4 lbs.
00331	Red	30"	1	5	4 lbs.
00309	Black	35"	1	5	4 lbs.
00303	Red	35"	1	5	4 lbs.
00876	Black	40"	1	5	5 lbs.
00332	Red	40"	1	5	5 lbs.
00310	Black	45"	1	5	5 lbs.
00305	Red	45"	1	5	5 lbs.
00897	Black	50"	1	5	5 lbs.
00333	Red	50"	1	5	5 lbs.
00345	Black	55"	1	5	6 lbs.
00306	Red	55"	1	5	6 lbs.
00300	Black	65"	1	5	6 lbs.
00240	Red	65"	1	5	6 lbs.
00360	Black	78"	1	5	7 lbs.
00307	Red	78"	1	5	7 lbs.

2 GAUGE TOP POST BATTERY CABLES

- Auxiliary leads are 4" long, 12 gauge
 - Bolt and nut included
- Fits up to 3/8" stud**



Part #	Color	Length	Leads	Master Carton	
				Quantity	Weight
00365	Red	10"	0	5	3 lbs.
03068	Red	15"	0	5	4 lbs.
04056	Red	20"	0	5	4 lbs.
00173	Red	25"	1	5	5 lbs.
00339	Red	32"	1	5	5 lbs.
00174	Red	38"	1	5	6 lbs.
00176	Red	43"	1	5	7 lbs.
00177	Red	48"	1	5	7 lbs.

2 GAUGE SWITCH-TO-STARTER CABLES

- Recommended for engine to ground connections
- Fits up to 3/8" stud**



Part #	Color	Length	Master Carton	
			Quantity	Weight
00363	Red	16"	5	3 lbs.
00371	Red	18"	5	3 lbs.
00178	Red	24"	5	3 lbs.
00372	Red	32"	5	4 lbs.
00377	Red	40"	5	5 lbs.
00180	Red	49"	5	6 lbs.

PACKAGED BATTERY CABLES (CONTINUED)

ALL BATTERY CABLES ARE PACKAGED ONE PER CLAMSHELL

4 GAUGE BRAIDED GROUND STRAPS

- Tin-plated copper
- Maximum protection against corrosion for farm, commercial vehicles, and off-road applications

Fits up to 3/8" stud



Part #	Length	Master Carton	
		Quantity	Weight
00301	9"	5	3 lbs.
00364	14"	5	3 lbs.

2/0 GAUGE TOP STUD STACKABLE BATTERY CABLES

- Made with welding cable

For Group 31 stud batteries

Fits up to 3/8" stud



Part #	Color	Length	Master Carton	
			Quantity	Weight
08757	Black	9"	5	3 lbs.
08758	Black	15"	5	4 lbs.

QUICK CONNECT® BATTERY CABLE REPAIR SPLICES

- For fast convenient replacement of hard to reach cables
- Replaces corroded portion, not the entire cable
- Ideal for automotive, truck, and farm applications
- RoHS Compliant
- Includes hex wrench
- See inside back cover for more details



Part #	Color	Gauge	Type	Aux. Wire Gauge/Color	Master Carton	
					Quantity	Weight
07671	Black	2	DIN	10/Blk	5	3 lbs.
07672	Black	2	DIN, Dual	10/Blk	5	3 lbs.
08859	Black	4	Lug-Dual	12/Blk	5	4 lbs.
08863	Black	4	Side-Dual	12/Blk	5	4 lbs.
08864	Black	4	Top-Dual	12/Blk	5	4 lbs.
08865	Black	4	Top	12/Blk, 10/Red	5	3 lbs.
08866	Black	4	Side	12/Blk, 10/Red	5	3 lbs.
08867	Black	1	Top	10/Blk, 8/Red	5	3 lbs.
08868	Black	1	Side	10/Blk, 8/Red	5	3 lbs.
08869	Black	4	Lug	12/Blk, 10/Red	5	3 lbs.

07671



07672



08859



08863



08864



08865



08866



08867



08868



08869



QUICK CONNECT® HEAVY DUTY BATTERY CABLE REPAIR SPLICES

- Ideal for commercial applications
- Replaces worn out cable and extends cable length
- Dual set screws for secure connection
- Includes hex wrench



Part #	Color	Gauge	Type	Master Carton	
				Quantity	Weight
04957	Black	2/0	Universal Top	5	4 lbs.
04958	Black	2/0	Lug - 3/8"	5	3 lbs.
04963	Black	2/0	Overmolded - 3/8"	5	4 lbs.

04957



04958



04963



CUSTOM BUILD UTILITY BATTERY CABLE KIT

- Kit includes 6' of 8 gauge cable w/ four 5/16" lugs
- Custom build battery cables for garden tractors, snowmobiles, and ATVs



Part #	Master Carton	
	Quantity	Weight
00131	12	3 lbs.

BULK BATTERY CABLES

4 GAUGE TOP POST BATTERY CABLES

- Auxiliary leads are 4" long, 12 gauge
- Bolt and nut included

Fits up to 3/8" stud



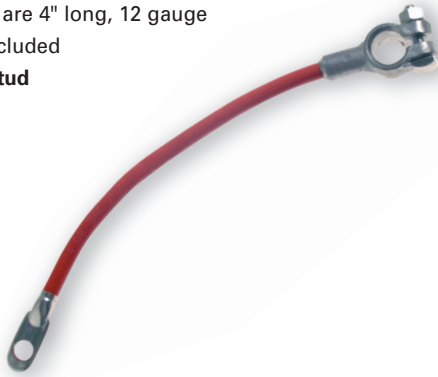
4 Gauge Part #	Color	Length	Leads	Master Carton	
				Quantity	Weight
04153	Black	10"	0	10	5 lbs.
04138	Red	10"	0	10	5 lbs.
04184	Black	10"	1	10	5 lbs.
04168	Red	10"	1	10	5 lbs.
04154	Black	12"	0	10	5 lbs.
04139	Red	12"	0	10	5 lbs.
04185	Black	12"	1	10	5 lbs.
04169	Red	12"	1	10	5 lbs.
04155	Black	15"	0	10	5 lbs.
04140	Red	15"	0	10	5 lbs.
04186	Black	15"	1	10	5 lbs.
04170	Red	15"	1	10	5 lbs.
04156	Black	20"	0	10	6 lbs.
04141	Red	20"	0	10	6 lbs.
04187	Black	20"	1	10	6 lbs.
04171	Red	20"	1	10	6 lbs.
04157	Black	25"	0	10	7 lbs.
04142	Red	25"	0	10	7 lbs.
04188	Black	25"	1	10	7 lbs.
04172	Red	25"	1	10	7 lbs.
04158	Black	27"	0	10	7 lbs.
04143	Red	27"	0	10	7 lbs.
04189	Black	27"	1	10	7 lbs.
04173	Red	27"	1	10	7 lbs.
04159	Black	32"	0	10	8 lbs.
04144	Red	32"	0	10	8 lbs.
04190	Black	32"	1	10	8 lbs.
04174	Red	32"	1	10	8 lbs.
04160	Black	34"	0	10	8 lbs.
04145	Red	34"	0	10	8 lbs.
04191	Black	34"	1	10	8 lbs.
04175	Red	34"	1	10	8 lbs.
04161	Black	38"	0	10	9 lbs.
04146	Red	38"	0	10	9 lbs.
04192	Black	38"	1	10	9 lbs.
04176	Red	38"	1	10	9 lbs.
04162	Black	43"	0	10	9 lbs.
04147	Red	43"	0	10	9 lbs.
04193	Black	43"	1	10	9 lbs.
04177	Red	43"	1	10	9 lbs.
04163	Black	48"	0	10	10 lbs.
04148	Red	48"	0	10	10 lbs.
04194	Black	48"	1	10	10 lbs.
04178	Red	48"	1	10	10 lbs.
04164	Black	53"	0	10	10 lbs.
04149	Red	53"	0	10	10 lbs.
04195	Black	53"	1	10	10 lbs.
04179	Red	53"	1	10	10 lbs.
04165	Black	56"	0	10	11 lbs.
04150	Red	56"	0	10	11 lbs.

BULK BATTERY CABLES (CONTINUED)

4 GAUGE TOP POST BATTERY CABLES (CONT.)

- Auxiliary leads are 4" long, 12 gauge
- Bolt and nut included

Fits up to 3/8" stud

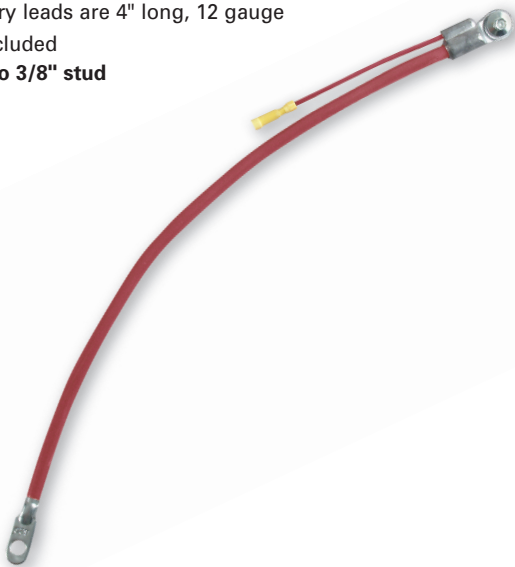


4 Gauge Part #	Color	Length	Leads	Master Carton	
				Quantity	Weight
04196	Black	56"	1	10	11 lbs.
04180	Red	56"	1	10	11 lbs.
04166	Black	65"	0	10	11 lbs.
04151	Red	65"	0	10	11 lbs.
04197	Black	65"	1	10	12 lbs.
04181	Red	65"	1	10	12 lbs.
04167	Black	72"	0	10	13 lbs.
04152	Red	72"	0	10	13 lbs.
04198	Black	72"	1	10	13 lbs.
04182	Red	72"	1	10	13 lbs.
04199	Black	78"	1	10	14 lbs.
04183	Red	78"	1	10	14 lbs.

4 GAUGE SIDE TERMINAL BATTERY CABLES

- Auxiliary leads are 4" long, 12 gauge
- Bolt included

Fits up to 3/8" stud



4 Gauge Part #	Color	Length	Leads	Master Carton	
				Quantity	Weight
04266	Black	20"	1	10	6 lbs.
04256	Red	20"	1	10	6 lbs.
04267	Black	25"	1	10	6 lbs.
04257	Red	25"	1	10	6 lbs.
04268	Black	30"	1	10	7 lbs.
04258	Red	30"	1	10	7 lbs.
04269	Black	35"	1	10	7 lbs.
04259	Red	35"	1	10	7 lbs.
04270	Black	40"	1	10	8 lbs.
04260	Red	40"	1	10	8 lbs.
04271	Black	45"	1	10	9 lbs.
04261	Red	45"	1	10	9 lbs.
04272	Black	50"	1	10	9 lbs.
04262	Red	50"	1	10	9 lbs.
04273	Black	55"	1	10	10 lbs.
04263	Red	55"	1	10	10 lbs.
04274	Black	65"	1	10	11 lbs.
04264	Red	65"	1	10	11 lbs.

4 GAUGE SWITCH-TO-STARTER CABLES

- Recommended for engine to ground connections

Fits up to 3/8" stud



4 Gauge Part #	Color	Length	Master Carton	
			Quantity	Weight
04282	Black	16"	10	4 lbs.
04276	Red	16"	10	4 lbs.
04283	Black	18"	10	4 lbs.
04277	Red	18"	10	4 lbs.
04284	Black	24"	10	4 lbs.
04278	Red	24"	10	4 lbs.
04285	Black	32"	10	5 lbs.
04279	Red	32"	10	5 lbs.
04286	Black	40"	10	6 lbs.
04280	Red	40"	10	6 lbs.
04287	Black	49"	10	7 lbs.
04281	Red	49"	10	7 lbs.

2 GAUGE TOP POST BATTERY CABLES

- Auxiliary leads are 4" long, 12 gauge
- Bolt and nut included

Fits up to 3/8" stud



2 Gauge Part #	Color	Length	Leads	Master Carton	
				Quantity	Weight
04214	Black	10"	0	10	6 lbs.
04200	Red	10"	0	10	6 lbs.
04242	Black	10"	1	10	6 lbs.
04228	Red	10"	1	10	6 lbs.
04215	Black	15"	0	10	7 lbs.
04201	Red	15"	0	10	7 lbs.
04243	Black	15"	1	10	7 lbs.
04229	Red	15"	1	10	7 lbs.
04216	Black	20"	0	10	7 lbs.
04202	Red	20"	0	10	7 lbs.
04244	Black	20"	1	10	7 lbs.
04230	Red	20"	1	10	7 lbs.
04217	Black	23"	0	10	8 lbs.
04203	Red	23"	0	10	8 lbs.
04245	Black	25"	1	10	9 lbs.
04231	Red	25"	1	10	9 lbs.
04218	Black	27"	0	10	9 lbs.
04204	Red	27"	0	10	9 lbs.
04219	Black	32"	0	10	10 lbs.
04205	Red	32"	0	10	10 lbs.
04247	Black	32"	1	10	10 lbs.
04233	Red	32"	1	10	10 lbs.
04220	Black	34"	0	10	11 lbs.
04206	Red	34"	0	10	11 lbs.
04221	Black	38"	0	10	12 lbs.
04207	Red	38"	0	10	12 lbs.
04249	Black	38"	1	10	12 lbs.
04235	Red	38"	1	10	12 lbs.
04222	Black	43"	0	10	13 lbs.
04208	Red	43"	0	10	13 lbs.
04250	Black	43"	1	10	13 lbs.
04236	Red	43"	1	10	13 lbs.
04223	Black	48"	0	10	14 lbs.
04209	Red	48"	0	10	14 lbs.
04251	Black	48"	1	10	14 lbs.
04237	Red	48"	1	10	14 lbs.
04224	Black	53"	0	10	15 lbs.
04210	Red	53"	0	10	15 lbs.
04225	Black	58"	0	10	16 lbs.
04211	Red	58"	0	10	16 lbs.
04253	Black	58"	1	10	16 lbs.
04239	Red	58"	1	10	16 lbs.
04226	Black	65"	0	10	17 lbs.
04212	Red	65"	0	10	17 lbs.
04254	Black	65"	1	10	17 lbs.
04240	Red	65"	1	10	17 lbs.
04227	Black	72"	0	10	18 lbs.
04213	Red	72"	0	10	18 lbs.
04255	Black	72"	1	10	18 lbs.
04241	Red	72"	1	10	18 lbs.

2 GAUGE SWITCH-TO-STARTER CABLES

- Recommended for engine to ground connections

Fits up to 3/8" stud



2 Gauge Part #	Color	Length	Master Carton	
			Quantity	Weight
04294	Black	16"	10	6 lbs.
04288	Red	16"	10	6 lbs.
04295	Black	18"	10	6 lbs.
04289	Red	18"	10	6 lbs.
04296	Black	24"	10	7 lbs.
04290	Red	24"	10	7 lbs.
04297	Black	32"	10	8 lbs.
04291	Red	32"	10	8 lbs.
04298	Black	40"	10	9 lbs.
04292	Red	40"	10	9 lbs.
04299	Black	49"	10	10 lbs.
04293	Red	49"	10	10 lbs.

JUMPER CABLES

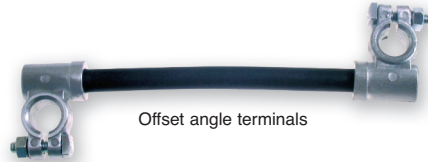
- Made with welding cable
- For series hook-up



Straight terminals



Same-side terminals



Offset angle terminals

Part #	Color	Gauge	Length	Master Carton	
				Quantity	Weight
Straight Terminals					
04302	Black	1	8"	6	8 lbs.
04303	Black	1	12"	6	8 lbs.
04309	Black	2/0	8"	6	8 lbs.
04310	Black	2/0	12"	6	8 lbs.
04311	Black	2/0	19"	6	10 lbs.
Same Side Terminals					
04304	Black	1	8"	6	8 lbs.
04305	Black	1	12"	6	9 lbs.
04312	Black	2/0	8"	6	8 lbs.
04313	Black	2/0	12"	6	9 lbs.
04314	Black	2/0	19"	6	12 lbs.
Offset Angle Terminals					
04300	Black	1	8"	6	8 lbs.
04301	Black	1	12"	6	9 lbs.
04306	Black	2/0	8"	6	8 lbs.
04307	Black	2/0	12"	6	9 lbs.
04308	Black	2/0	19"	6	11 lbs.

6 GAUGE GOLF CAR CABLES

Lug To Lug Style

- Lugs are tin-plated copper to fit 5/16" stud



Part #	Color	Length	Master Carton	
			Quantity	Weight
31104	Black	9"	50	5 lbs.
31105	Red	9"	50	5 lbs.
31106	Black	12"	50	6 lbs.
31107	Red	12"	50	6 lbs.
31108	Black	14"	50	7 lbs.
31109	Red	14"	50	7 lbs.
31110	Black	16"	50	8 lbs.
31111	Red	16"	50	8 lbs.
31112	Black	18"	50	9 lbs.
31113	Red	18"	50	9 lbs.
31114	Black	20"	50	10 lbs.
31115	Red	20"	50	10 lbs.
31116	Black	21"	50	10 lbs.
31117	Red	21"	50	10 lbs.
31118	Black	23"	50	11 lbs.
31119	Red	23"	50	11 lbs.

6 GAUGE GOLF CAR JUMPER CABLES

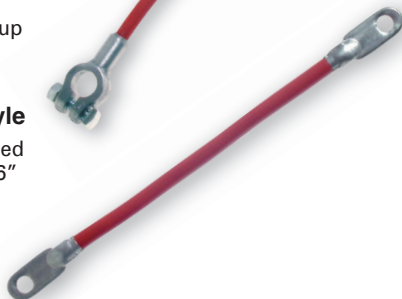
Top Post Style

- For series hook up



Lug To Lug Style

- Lugs are tin-plated copper to fit 5/16" stud



Part #	Color	Length	Master Carton	
			Quantity	Weight
Top Post Jumpers				
03327	Black	9"	10	6 lbs.
04327	Red	9"	10	6 lbs.
03328	Black	12"	10	7 lbs.
04328	Red	12"	10	7 lbs.
Stud Terminal Jumpers				
03332	Black	9"	10	1 lb.
04332	Red	9"	10	1 lb.
03333	Black	12"	10	2 lbs.
04333	Red	12"	10	2 lbs.
03334	Black	20"	10	2 lbs.
04334	Red	20"	10	2 lbs.

IN FOCUS:

Overmolded Cable Assemblies and Accessories

Battery systems can be extremely hard to maintain and service without having the right connections. Our Overmolded Cable Assemblies streamline battery connections with a secure and safe fit. Exposed connections are significantly reduced to minimize the formation of corrosion. Accessories complement our cable assemblies to help further service battery connection needs.



Before



After



Group 31 Multi-Battery Overmolded Cable Assembly

- Made with 2/0 PVC starter cable
- Attached protective caps to seal connection
- Fits up to 3/8" stud
- Packaged for retail in bag with header card

2-Battery, Red, 7", 04362

2-Battery, Black, 7", 04363

3-Battery, Red, 14", 04364

3-Battery, Black, 14", 04365

4-Battery, Red, 21", 04662

4-Battery, Black, 21", 04663

Warning & Information on page 22



Group 31 Closed Top Nuts

00574 card of 1

- 3/8" - 16 unc thread and 9/16" hex head
- Stainless steel sintered material
- Fits Group 31 overmolded cable assemblies

Information on page 31



Protective Stud Caps, Red

04892 bag of 10

- Fits 3/8" stud
- Helps protect against corrosion
- Fits group 31 overmolded cable assemblies

Warning & Information on page 45



Protective Stud Caps, Black

04893 bag of 10

- Fits 3/8" stud
- Helps protect against corrosion
- Fits group 31 overmolded cable assemblies

Warning & Information on page 45



Self Fusing Auto Tape

04366 box of 4 (2 red, 2 blk)
04367 Black, card of 1
04368 Rd, card of 1

- Provides a moisture tight seal
- Insulates to protect wires and splices
- Ideal for high temperature applications
- Alternative to heat shrink tubing

Information on page 42

2/0 GAUGE TOP STUD STACKABLE BATTERY CABLES

- Made with welding cable

**For Group 31
stud batteries**

Fits up to 3/8" stud



Part #	Color	Length	Master Carton	
			Quantity	Weight
04315	Black	7"	6	3 lbs.
01484	Red	7"	6	3 lbs.
08754	Black	9"	6	3 lbs.
04316	Black	13"	6	4 lbs.
01485	Red	13"	6	4 lbs.
08755	Black	15"	6	4 lbs.

2/0 GAUGE HARNESS ASSEMBLIES

- 04317 & 04318 include three hex serrated flange nuts and one charging post for 3/8" stud-type battery
- 04319 & 04320 include four hex serrated flange nuts and one charging post for 3/8" stud-type battery



Part #	Color	Length	Master Carton	
			Quantity	Weight
04317	Red	7"	1	1 lb.
04318	Black	7"	1	1 lb.
04319	Red	14"	1	2 lbs.
04320	Black	14"	1	2 lbs.

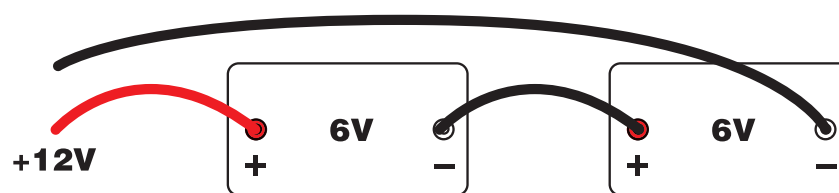
OVERMOLDED HARNESS ASSEMBLIES

- Made with 2/0 PVC starter cable
- Attached protective caps to seal connection
- Fits up to 3/8" stud
- Use only the closed top nut (item 05419 or 00574) found on page 31 for the proper connection of these assemblies.

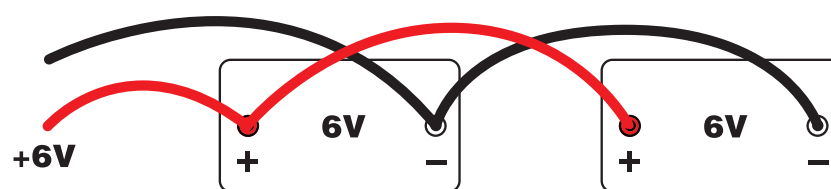


Part #	Color	Length	Master Carton	
			Quantity	Weight
04362	Red	7"	1	1 lb.
04363	Black	7"	1	1 lb.
04364	Red	14"	1	2 lbs.
04365	Black	14"	1	2 lbs.
04662	Red	21"	1	3 lbs.
04663	Black	21"	1	3 lbs.

CONNECTING IN SERIES — double voltage, same capacity (Ah)

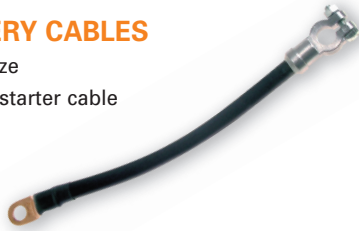


CONNECTING IN PARALLEL — same voltage, double capacity (Ah)



2/0 GAUGE FLEET BATTERY CABLES

- 1/2" stud hole size
- Made with PVC starter cable

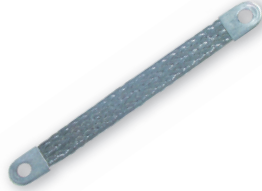


Part #	Color	Length	Master Carton	
			Quantity	Weight
04321	Black	12"	6	6 lbs.
04322	Black	24"	6	9 lbs.
04323	Black	36"	6	12 lbs.
04324	Black	48"	6	15 lbs.
04325	Black	60"	6	18 lbs.
04326	Black	72"	6	21 lbs.

4 GAUGE BONDING STRAPS

Fits up to 3/8" stud

- Tin-plated copper
- Maximum protection against corrosion for farm, commercial vehicles, and off-road applications



Part #	Gauge	Length	Master Carton	
			Quantity	Weight
04353	4	8"	10	2 lbs.
04354	4	12"	10	2 lbs.

BRAIDED GROUND STRAPS

Fits up to 3/8" stud

- Tin-plated copper
- Maximum protection against corrosion for farm, commercial vehicles, and off-road applications



Part #	Gauge	Length	Master Carton	
			Quantity	Weight
04345	4	7"	10	4 lbs.
04346	4	9"	10	4 lbs.
04347	4	11"	10	5 lbs.
04348	4	14"	10	5 lbs.
04349	4	16"	10	5 lbs.
04350	4	19"	10	6 lbs.
04351	4	24"	10	7 lbs.
04352	4	27"	10	7 lbs.
04337	2	7"	10	5 lbs.
04338	2	9"	10	5 lbs.
04339	2	11"	10	6 lbs.
04340	2	14"	10	6 lbs.
04341	2	16"	10	7 lbs.
04342	2	19"	10	7 lbs.
04343	2	24"	10	8 lbs.
01051	2	26"	10	9 lbs.
04344	2	27"	10	9 lbs.

12 GAUGE CUP STYLE CHARGING CABLE

- For group charging top post batteries



Part #	Color	Length	Master Carton	
			Quantity	Weight
04335	Black	15"	100	31 lbs.

2/0 GAUGE FORD DIESEL HARNESS

- Fits Ford Diesel trucks w/ dual batteries (1987-present)
- Red cable w/ black loom



Part #	Color	Length	Master Carton	
			Quantity	Weight
04357	Red	116"	1	7 lbs.
00593	Red	123"	1	8 lbs.

Terminals, Lugs, and Fasteners

East Penn cast terminals are manufactured with 100% recycled lead. Lead is recognized as the premium choice in battery cable terminals because of its maximum current carrying ability, malleability, and corrosion resistance.



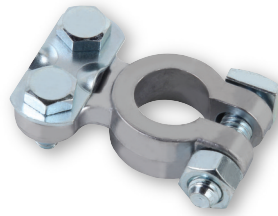
**100%
RECYCLED
ALLOY**

ALL EAST PENN MANUFACTURED
LEAD PRODUCTS ARE BUILT WITH
100% RECYCLED LEAD ALLOY.

- Terminals
- Fasteners
- Lugs
- Crimpable Terminals
- Industrial Plugs

**HEAVY-DUTY
TOP POST TERMINALS**

- Fits 6 to 1 gauge cables



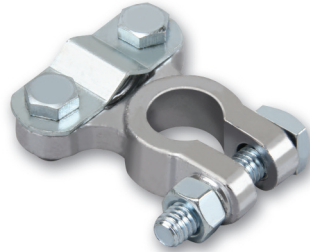
**HEAVY-DUTY
TOP POST
EPOXY COATED
TERMINALS**

- Fits 6 to 1 gauge cables



**HEAVY-DUTY
COMMERCIAL
TOP POST TERMINALS**

- Fits 2 to 4/0 gauge cables



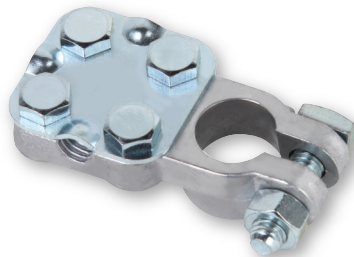
**HEAVY-DUTY
REPLACEMENT
SIDE TERMINAL**

- Fits 6 to 1 gauge cables



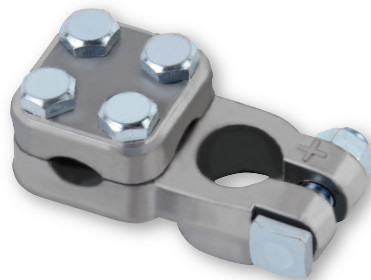
**3-WAY TOP POST
TERMINAL**

- Fits 6 to 1 gauge cables



**3-WAY TOP POST
COMMERCIAL
TERMINAL**

- Fits 2 to 4/0 gauge cables



Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
00350 ¹	Universal	Clam Shell of 1	24	7 lbs.
00147	Universal	Clam Shell of 2	24	14 lbs.
00369	Universal	Card of 10	10	27 lbs.
06079	Universal	Unbranded Card of 10	10	27 lbs.
05300	Universal	Bulk	100	27 lbs.

¹Hardware is bagged separately in clam shell

Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
03067	1 Pos/1 Neg	Clam Shell of 2	10	7 lbs.
05305	Positive	Bulk - Red	50	14 lbs.
05306	Negative	Bulk - Black	50	14 lbs.

Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
00366	Universal	Clam Shell of 1	10	6 lbs.
00370	Universal	Card of 10	6	31 lbs.
05301	Universal	Bulk	60	30 lbs.

Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
00351 ²	Universal	Clam Shell of 1	24	5 lbs.
00192	Universal	Card of 8	10	21 lbs.
06080	Universal	Unbranded Card of 8	10	23 lbs.
05302 ¹	Universal	Bulk	50	12 lbs.
05303 ²	Universal	Bulk	50	14 lbs.

¹Order 3/8" bolt separately Part No. 05304

²Comes with 3/8" bolt, hardware is bagged separately

Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
05439	Positive	Bulk	25	11 lbs.
05440	Negative	Bulk	25	11 lbs.
05443	1 Pos/1 Neg	Bag of 2	20	17 lbs.

Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
1512137	Negative	Bulk	25	18 lbs.
1512138	Positive	Bulk	25	18 lbs.



**GROUP 31
HEAVY DUTY
3-WAY TERMINAL**

- Fits 2 to 4/0 gauge cables
- Fits up to 3/8" stud



Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
31102	Universal	Box of 10	1	7 lbs.

8D ADD-ON TERMINAL

- Will only fit East Penn 8D battery
- Converts top post SAE 8D battery to fit side connections
- 3/8"-16 stud terminal (3/4" length)
- Includes 6 zinc-plated steel attachment screws
- Should be tightened to 4-6 ft-lbs.



Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
31100	1 Pos/1 Neg	Bag of 2	1	3 lbs.

**EPOXY-COATED
WING NUT TERMINALS**

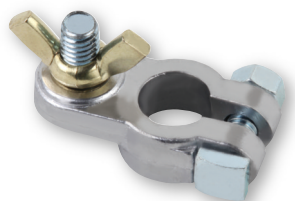
- Clamp-type wing nut terminals convert standard post to marine or other special uses
- Brass plated wing nut
- Epoxy coating aids in polarity identification and corrosion resistance
- Positive terminal stud size is 3/8"
- Negative terminal stud size is 5/16"



Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
00148	1 Pos/1 Neg	Clam Shell of 2	10	8 lbs.
05310	Positive	Bulk - Red	50	20 lbs.
05311	Negative	Bulk - Black	50	20 lbs.

WING NUT TERMINALS

- Clamp type wing nut terminals convert standard post to marine or other special uses
- Brass plated wing nut
- Positive terminal stud size is 3/8"
- Negative and universal terminal stud size is 5/16"



05308

Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
00354	1 Pos/1 Neg	Clam Shell of 2	10	8 lbs.
00149	Universal	Card of 10	10	36 lbs.
05307 ¹	Universal	Bulk	50	18 lbs.
05308 ¹	Positive	Bulk	50	18 lbs.
05309 ¹	Negative	Bulk	50	18 lbs.

¹Wing nuts packaged in bag, inside box

BRASS TERMINALS



00512



00639

Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
00512	Universal	Clam Shell of 1	10	2 lbs.
00639 ¹	1 Pos/1 Neg	Clam Shell of 2	10	8 lbs.

¹5/16" stud size



ZINC TOP POST TERMINAL

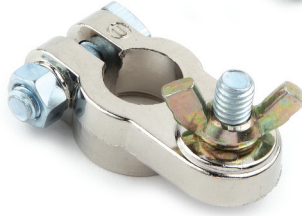
- Fits 6-1 gauge cables
- Lead-Free
- RoHS Compliant



Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
31096	Universal	Clam Shell of 1	10	2 lbs.

ZINC MARINE TERMINALS

- Clamp type wing nut terminal converts standard post to marine or other special uses
- Stud size is 3/8"
- Lead-Free
- RoHS Compliant



Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
31097	Universal	Clam Shell of 1	10	3 lbs.

ZINC REPLACEMENT SIDE TERMINAL

- Fits 6-1 gauge cables
- Comes with 3/8" bolt
- Lead-Free
- RoHS Compliant



Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
31098	Universal	Clam Shell of 1	10	2 lbs.

ZINC COMMERCIAL TOP POST TERMINAL

- Fits 2 to 4/0 gauge cables
- Lead-Free
- RoHS Compliant



Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
31099	Universal	Clam Shell of 1	10	3 lbs.

LEAD FREE QUICK CLAMP® TERMINAL

- Tin-plated brass terminal
- Stud size is 5/16"
- Lug hole size fits 5/16"
- Packaging includes four lugs, one positive & one negative quick clamp terminal
- All hardware is included (hex nut, washer, and knurled thumb nut)
- Allows easy, tool-free detachment from battery
- Patented design



Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
08767	1 Pos/1 Neg	Clam Shell of 2	12	5 lbs.

LEAD FREE TERMINALS WITH LUGS

- Terminal made of tin-plated brass
- Stud size is 5/16"
- Comes with 2 lugs to fit 5/16" studs
- Allows straight or angled hook-up to cable
- Fits 4 and 6 gauge cable



Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
01056	Universal	Clam Shell of 1	10	2 lbs.
01057	Universal	Bulk	100	15 lbs.
05512	Universal	Card of 10	10	15 lbs.

LEAD FREE TERMINALS WITH HEAT SHRINK TUBE

- Terminal made of tin-plated brass
- Color-coded shrink tube allows for easy polarity identification
- Fits 2 and 4 gauge cable



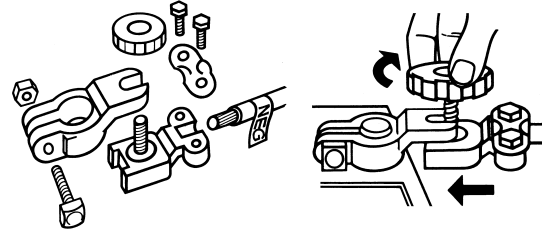
Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
04842	Universal	Clam Shell of 2	12	3 lbs.

LEAD QUICK DISCONNECT TERMINAL

- Designed for top post batteries. Fits both negative and positive posts
- For use in passenger cars, light-duty trucks, farm equipment, marine, RVs, and ATVs
- The cable easily detaches from the battery for anti-theft protection and to prevent electrical drain



Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
00191	Universal	Card of 1	12	4 lbs.
05312	Universal	Bulk	10	6 lbs.



GOLD-PLATED BOLTS & TERMINALS

- Genuine 24K gold-plated brass



05444*



05445



05446**

Part #	Description	Packaging	Master Carton	
			Quantity	Weight
05444*	Top Post Terminal	Clam Shell of 1	25	5 lbs.
05445	Side Post Replacement Bolt	Clam Shell of 1	25	3 lbs.
05446**	Multi-Lead Top Post Terminal	Clam Shell of 1	25	6 lbs.

*Fits 6 to 1 gauge cables

** One 5/16" ring terminal and two 8 gauge auxiliary ports

POWER SPORTS CHARGING POSTS

- Facilitate charging and testing of power sports batteries
- Posts have M6 threaded stud to screw into power sports battery terminals
- Easy finger tight installation



SIDE TERMINAL CHARGING POSTS

- Facilitate charging and testing of side terminal batteries
- Posts have 3/8" threaded stud to screw into side terminal batteries
- Not intended for side terminal to post conversion



Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
05457	Universal	Clam Shell of 2	10	3 lbs.
00385	Universal	Bag of 25	1	11 lbs.

Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
00352	1 Pos/1 Neg	Clam Shell of 2	10	4 lbs.
05313	Positive	Bulk	25	5 lbs.
05314	Negative	Bulk	25	5 lbs.

CHARGING POSTS WITH EARS

- Facilitate charging and testing of batteries
- Posts have 3/8" threaded stud to screw into side terminal batteries
- 01477 fits 3/8" stud
- Easy finger tight installation



01477



05456

Part #	Battery Type	Packaging	Master Carton	
			Quantity	Weight
00386	Side	Clam Shell of 2	10	3 lbs.
05455	Side	Bag of 25	1	4 lbs.
05456	Side	Bulk	100	15 lbs.
01477	3/8" Stud	Bag of 6	10	20 lbs.

GROUP 31 OR STUD STYLE CONVERSION POSTS

- Use to convert 3/8" stud type terminals to post type terminals



05320

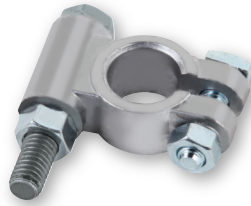


05769

Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
00575	Universal	Clam Shell of 2	10	3 lbs.
05320	Universal	Bulk	25	5 lbs.
05768	Positive	Bulk	25	4 lbs.
05769	Negative	Bulk	25	4 lbs.

ORDNANCE BOLT TYPE TERMINAL

- Lead construction
- Long bolt allows for additional power connection

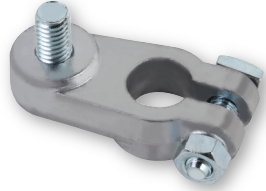


Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
05315	Positive	Bulk	25	13 lbs.
05316	Negative	Bulk	25	13 lbs.
05317	Universal	Bulk	25	13 lbs.

POST TO THREADED CONNECTOR CONVERSION

3/8" Stud

- Change a post type battery to a 3/8" stud type battery
- Can be used with OE nut
- Wing nut or hex nut can be used if clearance is a problem



Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
05318	Universal	Bulk	25	11 lbs.

UNIVERSAL SIDE TERMINAL CONVERSION POST

- Extends above the battery to convert side terminal battery to post terminal
- For use with post terminal battery cables or for group charging



Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
05319	Universal	Bulk	25	8 lbs.

SIDE TERMINAL ADAPTERS

- Converts post terminal battery for use with side terminal cables



Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
00353	1 Pos/1 Neg	Clam Shell of 2	10	9 lbs.
05411	Positive	Bulk	25	11 lbs.
05412	Negative	Bulk	25	11 lbs.

FLAG TO POST TERMINAL ADAPTERS

- Designed to easily convert most U1 flag terminal batteries to post terminal applications where required



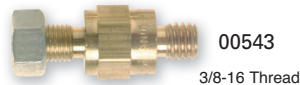
Part #	Packaging	Master Carton	
		Quantity	Weight
02033	Clam Shell of 2	10	4 lbs.
05321	Bulk	25	5 lbs.

BRASS BOLT EXTENDERS

- For adding direct to battery auxiliary connections



1-3/4" Short Side Bolt



00543

3/8-16 Thread

1-13/16" Long Side Bolt



00542

3/8-16 Thread

1-7/16" Top Post Terminal Bolt Extender



00541

5/16-18 Thread

Part #	Packaging	Master Carton	
		Quantity	Weight
1-3/4" Short Side Bolt			
00543	Clam Shell of 1	10	1 lb.
05416	Bulk	10	1 lb.
1-13/16" Long Side Bolt			
00542	Clam Shell of 1	10	1 lbs.
05417	Bulk	10	1 lbs.
1-7/16" Top Post Terminal Bolt Extender			
00541	Clam Shell of 1	10	1 lbs.
05418	Bulk	10	1 lbs.

LEAD SHIMS

- Rebuild battery post/cable clamp connections



Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
06300	Universal	Box of 25	1	1 lb.
07753	Universal	Clam Shell of 2	10	1 lb.

WARNING: Cancer and Reproductive Harm www.P65Warnings.ca.gov

GARDEN TRACTOR NUT AND BOLT

- Zinc-plated steel to protect against corrosion
- Fits group U1 batteries
- 1/4"-20 x 3/4" bolt
- 1/4"-20 hex nut



Part #	Packaging	Master Carton	
		Quantity	Weight
00193	Clam Shell of 2	10	1 lb.

BATTERY BOLT WITH SHOULDER NUT

- Zinc-plated steel to protect against corrosion
- 5/16"-18 x 1-1/4" bolt
- 5/16"-18 hex nut

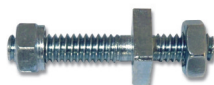


Part #	Packaging	Master Carton	
		Quantity	Weight
00324	Clam Shell of 2	10	1 lb.
05322*	Bag of 50	1	2 lbs.

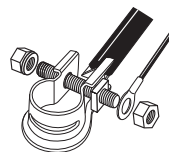
* **WARNING:** Cancer and Reproductive Harm www.P65Warnings.ca.gov

OE DOUBLE THREADED BOLT

- Used for adding auxiliary accessories directly to the battery
- Zinc-plated steel to protect against corrosion
- 1/4"-20 UNC thread
- Includes shoulder nut



Part #	Packaging	Master Carton	
		Quantity	Weight
03668	Clam Shell of 2	10	1 lb.



REPLACEMENT SIDE TERMINAL BOLT

- 3/8-16 UNC thread
- For use with East Penn replacement side terminals
- Zinc-plated steel to protect against corrosion



Part #	Packaging	Master Carton	
		Quantity	Weight
05304	Bag of 50	1	2 lbs.

OE REPLACEMENT SIDE TERMINAL BOLTS

- 3/8"-16 UNC thread
- Use long bolt and/or spacer for dual cable hook-up
- Bolt head 5/16"
- Zinc-plated steel to protect against corrosion



Part #	Packaging	Master Carton	
		Quantity	Weight
Short Side Terminal Bolt			
00325	Clam Shell of 2	10	1 lb.
05323	Bag of 50	1	3 lbs.
Long Side Terminal Bolt			
05324 ¹	Bag of 25	1	2 lbs.
08766 ²	Clam Shell of 2	10	4 lbs.
Spacer			
05442 ³	Bulk Spacer	25	2 lbs.

¹Length 1.685"

²Includes lead spacer

³Spacer only

* **WARNING:** Cancer and Reproductive Harm www.P65Warnings.ca.gov

GROUP 31 NUTS

- Closed top has 3/8"-16 UNC thread and 9/16" hex head
- Open top has 3/8"-16 UNC thread and 9/16" hex head. This is not recommended for use with the overmolded harness assemblies found on page 22



Closed Top



Open Top

Part #	Style	Packaging	Master Carton	
			Quantity	Weight
00574 ¹	Closed	Clam Shell of 1	10	1 lb.
05419 ¹	Closed	Bag of 25	25	2 lbs.
05415 ²	Open	Bag of 25	1	2 lbs.

¹ stainless steel sintered metal

² stainless steel



MARINE HEX NUTS

- Stainless steel
- 5/16-18 UNC hex nut



Part #	Packaging	Master Carton	
		Quantity	Weight
05519	Bag of 50	1	1 lb.

WING NUTS

- For threaded stud connections
- Stainless steel
- Contains one 3/8" wing nut and two-5/16" wing nuts



Part #	Packaging	Master Carton	
		Quantity	Weight
08779	Clam Shell of 3	10	1 lb.

INDUSTRIAL PLUGS AND CONTACTS

- Single piece housings made of impact resistant polycarbonate offers high physical strength & superior dielectric properties
- Silver plated solid copper contacts offer low resistance for superior conductivity
- Self cleaning contact design resists arcing by keeping conductive surfaces clean & free of corrosion
- Contacts have flared & heat treated barrels which readily accept fine stranded wire & allow easy, quality crimping
- Integral stainless steel springs maintain constant pressure on the contact to ensure a consistent, low-resistance connection
- Kits include contacts & housing



Part #	Kit Type	Color	Gauge	Packaging	Master Carton	
					Quantity	Weight
07394	50 AMP	Grey	6	Box of 1	1	0.05 lbs.
07395	50 AMP	Red	6	Box of 1	1	0.05 lbs.
07396	120 AMP	Grey	6	Box of 1	1	0.2 lbs.
07397	120 AMP	Red	6	Box of 1	1	0.2 lbs.
07398	120 AMP	Blue	6	Box of 1	1	0.2 lbs.
07399	120 AMP	Grey	4	Box of 1	1	0.2 lbs.
07480	120 AMP	Red	4	Box of 1	1	0.2 lbs.
07481	120 AMP	Blue	4	Box of 1	1	0.2 lbs.
07482	120 AMP	Grey	2	Box of 1	1	0.2 lbs.
07483	120 AMP	Red	2	Box of 1	1	0.2 lbs.
07484	120 AMP	Blue	2	Box of 1	1	0.2 lbs.
07485	175 AMP	Grey	4	Box of 1	1	0.3 lbs.
07486	175 AMP	Red	4	Box of 1	1	0.3 lbs.
07487	175 AMP	Blue	4	Box of 1	1	0.3 lbs.
07488	175 AMP	Grey	2	Box of 1	1	0.3 lbs.
07489	175 AMP	Red	2	Box of 1	1	0.3 lbs.
07490	175 AMP	Blue	2	Box of 1	1	0.3 lbs.
07491	175 AMP	Grey	1/0	Box of 1	1	0.3 lbs.
07492	175 AMP	Red	1/0	Box of 1	1	0.3 lbs.
07493	175 AMP	Blue	1/0	Box of 1	1	0.3 lbs.
07494	350 AMP	Grey	2/0	Box of 1	1	0.6 lbs.
07495	350 AMP	Red	2/0	Box of 1	1	0.6 lbs.
07496	350 AMP	Blue	2/0	Box of 1	1	0.6 lbs.
07497	350 AMP	Grey	3/0	Box of 1	1	0.6 lbs.
07498	350 AMP	Red	3/0	Box of 1	1	0.6 lbs.
07499	350 AMP	Blue	3/0	Box of 1	1	0.6 lbs.
07664	350 AMP	Grey	4/0	Box of 1	1	0.6 lbs.
07666	350 AMP	Red	4/0	Box of 1	1	0.6 lbs.
07667	350 AMP	Blue	4/0	Box of 1	1	0.6 lbs.



CRIMPABLE TERMINALS

STRAIGHT TERMINALS

- 100% tin-plated copper alloy
- Bolt & shoulder nut included
- Resists corrosion
- Gauge and polarity stamped on terminal
- Thick wall for strong crimp



Part #	Gauge	Polarity	Packaging	Master Carton	
				Quantity	Weight
05359	4	Universal	Bulk	10	1 lb.
05360	4	Positive	Bulk	10	1 lb.
05361	4	Negative	Bulk	10	1 lb.
05513	2	Positive	Bulk	10	2 lbs.
05514	2	Negative	Bulk	10	2 lbs.
05362	1	Positive	Bulk	10	2 lbs.
05363	1	Negative	Bulk	10	2 lbs.
05364	1/0	Positive	Bulk	10	2 lbs.
05365	1/0	Negative	Bulk	10	2 lbs.
05366	2/0	Positive	Bulk	10	2 lbs.
05367	2/0	Negative	Bulk	10	2 lbs.
05368	3/0	Positive	Bulk	10	2 lbs.
05369	3/0	Negative	Bulk	10	2 lbs.
05370	4/0	Positive	Bulk	8	2 lbs.
05371	4/0	Negative	Bulk	8	2 lbs.

LEFT ELBOW TERMINALS

- 100% tin-plated copper alloy
- Bolt & shoulder nut included
- Resists corrosion
- Gauge and polarity stamped on terminal
- Thick wall for strong crimp



Part #	Gauge	Polarity	Packaging	Master Carton	
				Quantity	Weight
05388	1/0	Positive	Bulk	10	2 lbs.
05389	1/0	Negative	Bulk	10	2 lbs.
05390	2/0	Positive	Bulk	10	2 lbs.
05391	2/0	Negative	Bulk	10	2 lbs.
05392	3/0	Positive	Bulk	10	2 lbs.
05393	3/0	Negative	Bulk	10	2 lbs.
05394	4/0	Positive	Bulk	8	2 lbs.
05395	4/0	Negative	Bulk	8	2 lbs.

RIGHT ELBOW TERMINALS

- 100% tin-plated copper alloy
- Bolt & shoulder nut included
- Resists corrosion
- Gauge and polarity stamped on terminal
- Thick wall for strong crimp



Part #	Gauge	Polarity	Packaging	Master Carton	
				Quantity	Weight
05380	1/0	Positive	Bulk	10	2 lbs.
05381	1/0	Negative	Bulk	10	2 lbs.
05382	2/0	Positive	Bulk	10	2 lbs.
05383	2/0	Negative	Bulk	10	2 lbs.
05384	3/0	Positive	Bulk	10	2 lbs.
05385	3/0	Negative	Bulk	10	2 lbs.
05386	4/0	Positive	Bulk	8	2 lbs.
05387	4/0	Negative	Bulk	8	2 lbs.

FLAG TERMINALS

- 100% tin-plated copper alloy
- Bolt & shoulder nut included
- Resists corrosion
- Gauge and polarity stamped on terminal
- Thick wall for strong crimp



Part #	Gauge	Polarity	Packaging	Master Carton	
				Quantity	Weight
05372	1/0	Positive	Bulk	8	2 lbs.
05373	1/0	Negative	Bulk	8	2 lbs.
05374	2/0	Positive	Bulk	8	3 lbs.
05375	2/0	Negative	Bulk	8	3 lbs.
05376	3/0	Positive	Bulk	8	3 lbs.
05377	3/0	Negative	Bulk	8	3 lbs.
05378	4/0	Positive	Bulk	8	3 lbs.
05379	4/0	Negative	Bulk	8	3 lbs.

3/8" STUD TERMINALS

- 100% tin-plated copper alloy
- Resists corrosion
- Thick wall for strong crimp
- Gauges identified on lugs
- Crimp or solder to cable
- Fits up to 3/8" stud



05396

05397

Part #	Gauge	Style	Packaging	Master Carton	
				Quantity	Weight
05396	2/0	Single	Bulk	10	1 lb.
05397	2/0	Dual	Bulk	10	2 lbs.

SIDE TERMINAL

- 100% tin-plated copper alloy
- Resists corrosion
- Thick wall for strong crimp
- Gauges identified on lugs
- Crimp or solder to cable
- Fits up to 3/8" stud



Part #	Gauge	Polarity	Packaging	Master Carton	
				Quantity	Weight
05475	4	Universal	Bulk	10	1 lb.
05476	2	Universal	Bulk	10	1 lb.

LOCKING ANTI-ROTATING STACKABLE LUGS

- 100% tin-plated copper alloy
- Resists corrosion
- Thick wall for strong crimp
- Gauges identified on lugs
- Crimp or solder to cable
- Fits up to 3/8" stud



05495

05496

Part #	Gauge	Packaging	Master Carton	
			Quantity	Weight
05495	1/0	Bulk	10	1 lb.
05496	2/0	Bulk	10	1 lb.
05497	3/0	Bulk	10	1 lb.

SPLICES

- 100% tin-plated copper alloy
- Resists corrosion
- Thick wall for strong crimp
- Crimp or solder to cable



Part #	Gauge	Packaging	Master Carton	
			Quantity	Weight
05354 ¹	4	Bulk	10	1 lb.
05355 ¹	1-2	Bulk	10	2 lbs.
05356 ¹	1/0	Bulk	10	3 lbs.
05357 ¹	2/0	Bulk	10	3 lbs.
05358 ¹	3/0	Bulk	10	3 lbs.
05398	1/0	Bulk	10	1 lb.
05399	2/0	Bulk	10	1 lb.
05400	3/0	Bulk	10	1 lb.
05401	4/0	Bulk	10	1 lb.

¹ Extra thick wall for greater strength and conductivity

COPPER LUGS

- Lugs can be crimped or soldered and are stackable
- Gauge stamped on lug for easy identification
- Flared ends for easy entry
- UL Listed



Packaged



00685



00539

Part #	Gauge	Stud Hole	Packaging	Master Carton	
				Quantity	Weight
00548	6	1/4"	Clam Shell of 2	10	1 lb.
00549	6	5/16"	Clam Shell of 2	10	1 lb.
00685	4	3/8"	Clam Shell of 2	10	1 lb.
00547	4	5/16"	Clam Shell of 2	10	1 lb.
00546	2	5/16"	Clam Shell of 2	10	1 lb.
00544	2	3/8"	Clam Shell of 2	10	1 lb.
00545	2	1/2"	Clam Shell of 2	10	1 lb.
00539 ^{1,2}	2/0	3/8"	Clam Shell of 2	10	1 lb.
00540 ^{1,2}	2/0	1/2"	Clam Shell of 2	10	1 lb.

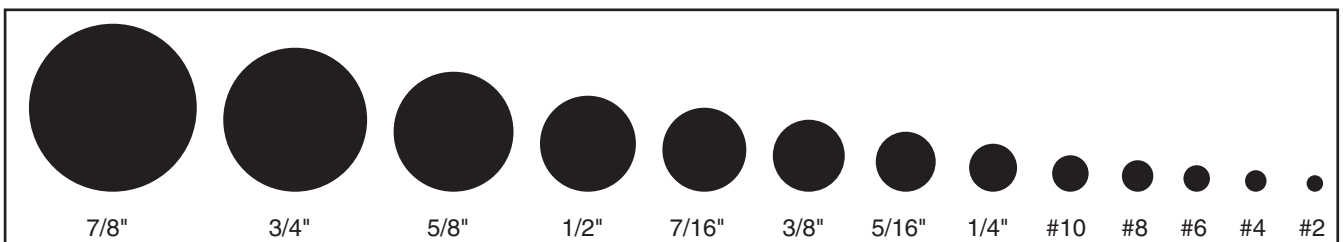
¹ Tin-plated
² non UL-listed

Bulk



Part #	Gauge	Stud Hole	Packaging	Master Carton	
				Quantity	Weight
05470	8	#10	Bagged	50	1 lb.
05472	8	1/4"	Bagged	50	1 lb.
05474	8	5/16"	Bagged	50	1 lb.
05473	8	3/8"	Bagged	50	1 lb.
05471	8	1/2"	Bagged	50	1 lb.
05466	6	#10	Bagged	50	1 lb.
05467	6	1/4"	Bagged	50	1 lb.
05468	6	5/16"	Bagged	50	1 lb.
05326	6	3/8"	Bagged	50	1 lb.
05469	6	1/2"	Bagged	50	1 lb.
05465	4	1/4"	Bagged	50	1 lb.
05328	4	5/16"	Bagged	50	1 lb.
05327	4	3/8"	Bagged	50	1 lb.
05464	4	1/2"	Bagged	50	1 lb.
05461	2	1/4"	Bagged	50	1 lb.
05462	2	5/16"	Bagged	50	1 lb.
05329	2	3/8"	Bagged	50	1 lb.
05330	2	1/2"	Bagged	50	1 lb.
05458	1	1/4"	Bagged	50	2 lbs.
05459	1	5/16"	Bagged	50	2 lbs.
05331	1	3/8"	Bagged	50	2 lbs.
05332	1	1/2"	Bagged	50	2 lbs.
05506	1/0	1/4"	Bagged	50	2 lbs.
05460	1/0	5/16"	Bagged	50	2 lbs.
05333	1/0	3/8"	Bagged	50	2 lbs.
05334	1/0	1/2"	Bagged	50	2 lbs.
05507	2/0	1/4"	Bagged	50	3 lbs.
05463	2/0	5/16"	Bagged	50	3 lbs.
05335	2/0	3/8"	Bagged	50	3 lbs.
05336	2/0	1/2"	Bagged	50	3 lbs.
05337	3/0	3/8"	Bagged	50	3 lbs.
05338	3/0	1/2"	Bagged	50	3 lbs.
05339	4/0	3/8"	Bagged	50	4 lbs.
05340	4/0	1/2"	Bagged	50	4 lbs.
03275	3/0	3/8"	Bag of 25	1	1.5 lbs.
03276	3/0	1/2"	Bag of 25	1	1.5 lbs.
03277	4/0	3/8"	Bag of 25	1	2 lbs.
03278	4/0	1/2"	Bag of 25	1	2 lbs.

Standard Stud Size



TIN-PLATED COPPER LUGS

- Resists corrosion
- Lugs can be crimped or soldered and are stackable
- Gauge stamped on lug for easy identification
- Flared ends for easy entry
- UL Listed



Part #	Gauge	Stud Hole	Packaging	Master Carton	
				Quantity	Weight
31121	6	#10	Bag of 50	1	1 lb.
31122	6	1/4"	Bag of 50	1	1 lb.
31123	6	5/16"	Bag of 50	1	1 lb.
31124	6	3/8"	Bag of 50	1	1 lb.
31080	4	1/4"	Bag of 50	1	1 lb.
31081	4	5/16"	Bag of 50	1	1 lb.
31082	4	3/8"	Bag of 50	1	1 lb.
31083	2	1/4"	Bag of 50	1	1 lb.
31084	2	5/16"	Bag of 50	1	1 lb.
31085	2	3/8"	Bag of 50	1	1 lb.
31086	1	1/4"	Bag of 50	1	2 lbs.
31087	1	5/16"	Bag of 50	1	2 lbs.
31088	1	3/8"	Bag of 50	1	2 lbs.
31089	1/0	1/4"	Bag of 50	1	2 lbs.
31090	1/0	5/16"	Bag of 50	1	2 lbs.
31091	1/0	3/8"	Bag of 50	1	2 lbs.
31092	2/0	1/4"	Bag of 50	1	3 lbs.
31093	2/0	5/16"	Bag of 50	1	3 lbs.
31094	2/0	3/8"	Bag of 50	1	3 lbs.

EXTRA HEAVY DUTY TIN-PLATED COPPER LUGS

- Thicker walls for greater strength and conductivity
- Used for severe-duty applications
- Gauge stamped on lug for easy identification
- Lugs can be crimped or soldered and are stackable



Part #	Gauge	Stud Hole	Packaging	Master Carton	
				Quantity	Weight
05492	8	1/4"	Bagged	10	1 lb.
05494	8	5/16"	Bagged	10	1 lb.
05493	8	3/8"	Bagged	10	1 lb.
05489	6	1/4"	Bagged	10	1 lb.
05491	6	5/16"	Bagged	10	1 lb.
05490	6	3/8"	Bagged	10	1 lb.
05341	4	1/4"	Bagged	10	1 lb.
05486	4	5/16"	Bagged	10	1 lb.
05342	4	3/8"	Bagged	10	1 lb.
05485	4	1/2"	Bagged	10	1 lb.
05479	1-2	1/4"	Bagged	10	1 lb.
05480	1-2	5/16"	Bagged	10	1 lb.
05343	1-2	3/8"	Bagged	10	1 lb.
05344	1-2	1/2"	Bagged	10	1 lb.
05477	1/0	1/4"	Bagged	10	1 lb.
05478	1/0	5/16"	Bagged	10	1 lb.
05345	1/0	3/8"	Bagged	10	1 lb.
05346	1/0	1/2"	Bagged	10	1 lb.
05481	2/0	1/4"	Bagged	10	1 lb.
05482	2/0	5/16"	Bagged	10	1 lb.
05347	2/0	3/8"	Bagged	10	1 lb.
05349	2/0	1/2"	Bagged	10	1 lb.
05483	3/0	1/4"	Bagged	10	1 lb.
05484	3/0	5/16"	Bagged	10	1 lb.
05350	3/0	3/8"	Bagged	10	1 lb.
05351	3/0	1/2"	Bagged	10	1 lb.
05487	4/0	1/4"	Bagged	10	1 lb.
05488	4/0	5/16"	Bagged	10	1 lb.
05352	4/0	3/8"	Bagged	10	1 lb.
05353	4/0	1/2"	Bagged	10	1 lb.

GOLF CAR TERMINAL LUG

- Fits up to 5/16" stud
- Tin-plated copper



Part #	Gauge	Packaging	Master Carton	
			Quantity	Weight
05505	6	Bag of 50	1	1 lb.

SOLDER PELLETS

- Fast method for attaching battery lug to cable



Part #	Gauge	Packaging	Master Carton	
			Quantity	Weight
05498	4	Bag of 10	1	1 lb.
05499	2	Bag of 10	1	1 lb.
05500	1	Bag of 10	1	1 lb.
05501	1/0	Bag of 10	1	1 lb.
05502	2/0	Bag of 10	1	1 lb.
05503	3/0	Bag of 10	1	1 lb.
05504	4/0	Bag of 10	1	1 lb.



RING TERMINALS



Part #	Gauge	Style	Stud/Tab Size	Insulation	Packaging	Master Carton	
						Quantity	Weight
05720	22-18	Ring	6-8	PVC	Bag of 100	1	1 lb.
05721	22-18	Ring	8-10	PVC	Bag of 100	1	1 lb.
05700	16-14	Ring	4-6	PVC	Bag of 100	1	1 lb.
05719	16-14	Ring	6-8	PVC	Bag of 100	1	1 lb.
05701	16-14	Ring	10	PVC	Bag of 100	1	1 lb.
05702	16-14	Ring	1/4"	PVC	Bag of 100	1	1 lb.
05703	12-10	Ring	10	PVC	Bag of 100	1	1 lb.
05704	12-10	Ring	1/4"	PVC	Bag of 100	1	1 lb.
05705	12-10	Ring	3/8"	PVC	Bag of 100	1	1 lb.



Part #	Gauge	Style	Stud/Tab Size	Insulation	Packaging	Master Carton	
						Quantity	Weight
05735	22-18	Ring	8	Heat Shrinkable Nylon	Bag of 25	1	1 lb.
05736	22-18	Ring	10	Heat Shrinkable Nylon	Bag of 25	1	1 lb.
05738	16-14	Ring	8	Heat Shrinkable Nylon	Bag of 25	1	1 lb.
05739	16-14	Ring	10	Heat Shrinkable Nylon	Bag of 25	1	1 lb.
05737	16-14	Ring	1/4"	Heat Shrinkable Nylon	Bag of 25	1	1 lb.
05762	12-10	Ring	10	Heat Shrinkable Nylon	Bag of 25	1	1 lb.
05740	12-10	Ring	1/4"	Heat Shrinkable Nylon	Bag of 25	1	1 lb.
05741	12-10	Ring	3/8"	Heat Shrinkable Nylon	Bag of 25	1	1 lb.

SPADE TERMINALS



Part #	Gauge	Style	Stud/Tab Size	Insulation	Packaging	Master Carton	
						Quantity	Weight
05706	16-14	Spade	8-10	PVC	Bag of 100	1	1 lb.
05707	12-10	Spade	8-10	PVC	Bag of 100	1	1 lb.

SNAP PLUG



Part #	Gauge	Style	Stud/Tab Size	Insulation	Packaging	Master Carton	
						Quantity	Weight
05729	16-14	Snap Plug Receptacle	—	PVC	Bag of 100	1	1 lb.
05712	16-14	Snap Plug	—	PVC	Bag of 100	1	1 lb.

MALE AND FEMALE DISCONNECTS



Part #	Gauge	Style	Stud/Tab Size	Insulation	Packaging	Master Carton	
						Quantity	Weight
05708	16-14	Male Disconnect	.25" x .032"	PVC	Bag of 100	1	1 lb.
05709	16-14	Female Disconnect	.25" x .032"	PVC	Bag of 100	1	1 lb.
05710	12-10	Male Disconnect	.25" x .032"	PVC	Bag of 100	1	1 lb.
05711	12-10	Female Disconnect	.25" x .032"	PVC	Bag of 100	1	1 lb.

FULLY INSULATED MALE AND FEMALE DISCONNECTS



Part #	Gauge	Style	Stud/Tab Size	Insulation	Packaging	Master Carton	
						Quantity	Weight
01895	22-18	Male Disconnect	.25" x .032"	PVC	Bag of 100	1	1 lb.
01898	22-18	Female Disconnect	.25" x .032"	PVC	Bag of 100	1	1 lb.
01896	16-14	Male Disconnect	.25" x .032"	PVC	Bag of 100	1	1 lb.
01899	16-14	Female Disconnect	.25" x .032"	PVC	Bag of 100	1	1 lb.
01897	12-10	Male Disconnect	.25" x .032"	PVC	Bag of 100	1	1 lb.
01908	12-10	Female Disconnect	.25" x .032"	PVC	Bag of 100	1	1 lb.

BUTT CONNECTORS



Part #	Gauge	Style	Stud/Tab Size	Insulation	Packaging	Master Carton	
						Quantity	Weight
05713	22-18	Butt Connector	—	PVC	Bag of 100	1	1 lb.
05714	16-14	Butt Connector	—	PVC	Bag of 100	1	1 lb.
05715	12-10	Butt Connector	—	PVC	Bag of 100	1	1 lb.



Part #	Gauge	Style	Stud/Tab Size	Insulation	Packaging	Master Carton	
						Quantity	Weight
05730	22-18	Butt Connector	—	Nylon	Bag of 100	1	1 lb.
05731	16-14	Butt Connector	—	Nylon	Bag of 100	1	1 lb.
05732	12-10	Butt Connector	—	Nylon	Bag of 100	1	1 lb.



Part #	Gauge	Style	Stud/Tab Size	Insulation	Packaging	Master Carton	
						Quantity	Weight
05743	22-18	Butt Connector	—	Heat Shrinkable Nylon	Bag of 25	1	1 lb.
05744	16-14	Butt Connector	—	Heat Shrinkable Nylon	Bag of 25	1	1 lb.
05745	12-10	Butt Connector	—	Heat Shrinkable Nylon	Bag of 25	1	1 lb.

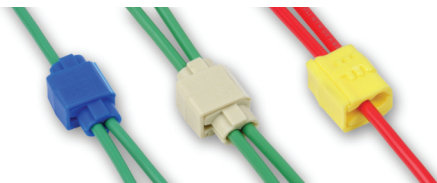
NON-INSULATED BUTT CONNECTORS



Part #	Gauge	Style	Stud/Tab Size	Insulation	Packaging	Master Carton	
						Quantity	Weight
05733	16-14	Butt Connector	—	Non-Insulated	Bag of 100	1	1 lb.
05734	12-10	Butt Connector	—	Non-Insulated	Bag of 100	1	1 lb.

QUICK SPLICE CONNECTORS

• No wire stripping required



05746

05747

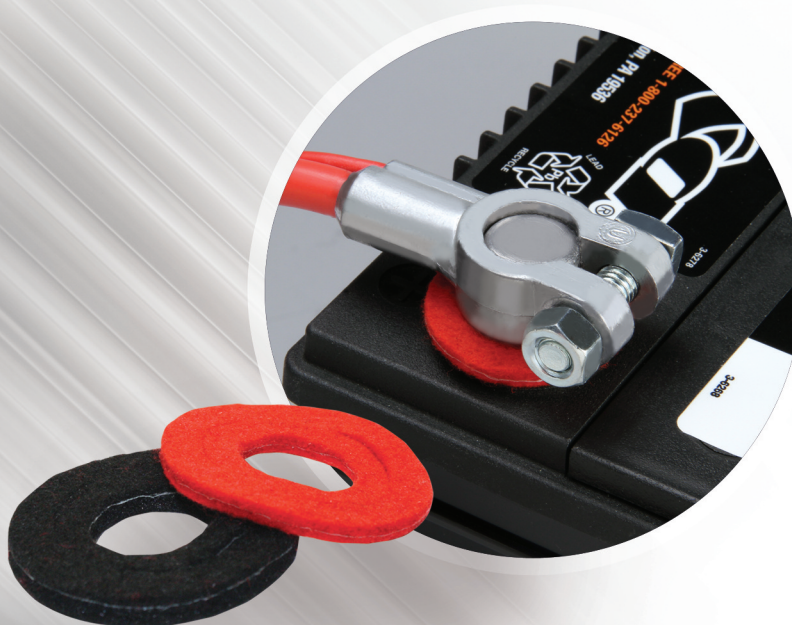
05748

Part #	Gauge	Color	Packaging	Master Carton	
				Quantity	Weight
05746	18-14	Blue	Bag of 100	1	1 lb.
05747	18-14	White	Bag of 100	1	1 lb.
05748	12-10	Yellow	Bag of 100	1	1 lb.



Terminal Cleaning and Protection

East Penn offers the most complete line of terminal cleaning and protection products.



- Boots
- Heat Shrink Tubing
- Cleaner and Protection Sprays
- Terminal Protectors

BATTERY CABLE TERMINAL PROTECTOR BOOTS

- Keeps terminals protected from inadvertent, accidental contact
- Identifies polarity

PACKAGED STRAIGHT BOOTS

- Temperature rating of 65°C (149°F)
- Cold temperature rating of -25°C (13°F)
- RoHS Compliant PVC



Part #	Gauge	Color	Packaging	Master Carton	
				Quantity	Weight
00684	4-6	Black/Red	Clam Shell of 2	10	1 lb.

BULK

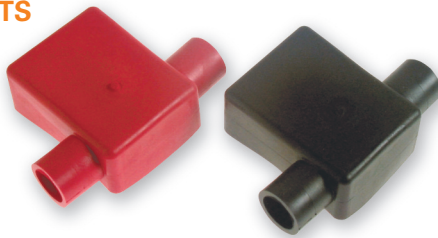
- Temperature rating of 80°C (176°F)
- Meets V-2 UL 94 standards
- REACH, RoHS and WEEE compliant material

STRAIGHT BOOTS



Part #	Gauge	Color	Packaging	Master Carton	
				Quantity	Weight
06100	4-6	Black	Bulk	10	1 lb.
06101	4-6	Red	Bulk	10	1 lb.
06102	1-2	Black	Bulk	10	1 lb.
06103	1-2	Red	Bulk	10	1 lb.
06104	1/0-2/0	Black	Bulk	10	1 lb.
06105	1/0-2/0	Red	Bulk	10	1 lb.

FLAG BOOTS



Part #	Gauge	Color	Packaging	Master Carton	
				Quantity	Weight
06112	2	Black	Bulk	10	1 lb.
06113	2	Red	Bulk	10	1 lb.
06106	2/0	Black	Bulk	10	1 lb.
06107	2/0	Red	Bulk	10	1 lb.

RIGHT ELBOW BOOTS



Part #	Gauge	Color	Packaging	Master Carton	
				Quantity	Weight
06114	2	Black	Bulk	10	1 lb.
06115	2	Red	Bulk	10	1 lb.
06108	2/0	Black	Bulk	10	1 lb.
06109	2/0	Red	Bulk	10	1 lb.

LEFT ELBOW BOOTS



Part #	Gauge	Color	Packaging	Master Carton	
				Quantity	Weight
06116	2	Black	Bulk	10	1 lb.
06117	2	Red	Bulk	10	1 lb.
06110	2/0	Black	Bulk	10	1 lb.
06111	2/0	Red	Bulk	10	1 lb.

**RIGHT ELBOW
LAWN & GARDEN
BOOTS**



Part #	Gauge	Color	Packaging	Master Carton	
				Quantity	Weight
06118	4-8	Black	Bulk	10	1 lb.
06119	4-8	Red	Bulk	10	1 lb.

**LEFT ELBOW
LAWN & GARDEN
BOOTS**



Part #	Gauge	Color	Packaging	Master Carton	
				Quantity	Weight
06120	4-8	Black	Bulk	10	1 lb.
06121	4-8	Red	Bulk	10	1 lb.

**MARINE/DUAL
POST BOOTS**



Part #	Color	Packaging	Master Carton	
			Quantity	Weight
06122	Black	Bulk	10	1 lb.
06123	Red	Bulk	10	1 lb.

CABLE TIES

- Black cable ties are UV resistant

Standard



Heavy Duty



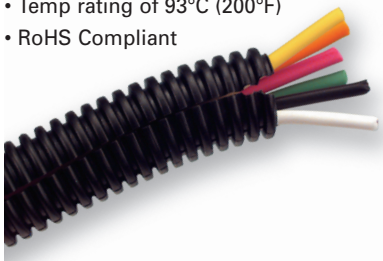
Mounting Tab



Part #	Length	Tensile Strength	Color	Packaging	Master Carton	
					Quantity	Weight
Standard						
05716	6"	40 lbs.	White	Bag of 100	1	1 lb.
05717	7"	50 lbs.	White	Bag of 100	1	1 lb.
05718	11"	50 lbs.	White	Bag of 100	1	1 lb.
05723	14"	50 lbs.	White	Bag of 100	1	1 lb.
05724	6"	40 lbs.	UV Black	Bag of 100	1	1 lb.
05725	7"	50 lbs.	UV Black	Bag of 100	1	1 lb.
05726	11"	50 lbs.	UV Black	Bag of 100	1	1 lb.
05727	14"	50 lbs.	UV Black	Bag of 100	1	1 lb.
Heavy Duty						
05763	14"	120 lbs.	UV Black	Bag of 100	1	1 lb.
05764	24"	175 lbs.	UV Black	Bag of 50	1	1 lb.
Mounting Tab						
05765	8"	50 lbs.	UV Black	Bag of 100	1	1 lb.
05766	11"	50 lbs.	UV Black	Bag of 100	1	1 lb.
05767	15"	120 lbs.	UV Black	Bag of 100	1	1 lb.

CABLE LOOM

- Black polyethylene corrugated loom is durable; split for easy installation
- For protection of wires on cars, buses, trucks, and boats
- Coiled and boxed.
- Temp rating of 93°C (200°F)
- RoHS Compliant



Part #	Length	Size	Packaging	Master Carton	
				Quantity	Weight
05749	100'	1/4"	Box of 1	1	2 lbs.
05750	100'	3/8"	Box of 1	1	2 lbs.
05751	100'	1/2"	Box of 1	1	3 lbs.
05752	100'	5/8"	Box of 1	1	3 lbs.
98493	3200'	1/4"	Box of 1	1	32 lbs.
98492	1900'	3/8"	Box of 1	1	27 lbs.
99930	1100'	1/2"	Box of 1	1	21 lbs.
98491	800'	5/8"	Box of 1	1	26 lbs.



BATTERY CABLE HEAT SHRINKABLE TUBING

- Economical heat shrink ideal for general purpose applications
- Protects against corrosion
- Use to identify positive and negative
- Acts as a strain relief and prevents abrasion
- Sealant free single wall construction
- Conforms to DOD Mil-I-23053/6 Class 1 and 2, also meets UL-224 125°C specs
- RoHS Compliant

Material: Polyolefin

Shrink Ratio: 2:1

Wall thickness after shrinking: 1/32"

Operating temperature:
-55°C to +135°C (-67°F to +275°F)



Part #	Gauge	Color	Length	Expanded Diameter	Packaging	Master Carton	
						Quantity	Weight
05402	8-2	Black	6"	1/2"	Bag of 6	1	1 lb.
05403	8-2	Red	6"	1/2"	Bag of 6	1	1 lb.
05404	1-2/0	Black	6"	3/4"	Bag of 6	1	1 lb.
05405	1-2/0	Red	6"	3/4"	Bag of 6	1	1 lb.
05406	1/0-4/0	Black	6"	1"	Bag of 6	1	1 lb.
05407	1/0-4/0	Red	6"	1"	Bag of 6	1	1 lb.

PRIMARY WIRE HEAT SHRINKABLE TUBING

- Economical heat shrink ideal for general purpose applications
- Protects against corrosion
- Use to identify positive and negative
- Acts as a strain relief and prevents abrasion
- RoHS Compliant

Material: Ethylene Vinyl Acetate

Shrink Ratio: 2:1

Operating temperature:
-55°C to +105°C (-67°F to +221°F)



Part #	Gauge	Color	Length	Expanded Diameter	Packaging	Master Carton	
						Quantity	Weight
05451	18-14	Black	6"	3/16"	Bag of 25	1	1 lb.
05452	18-14	Red	6"	3/16"	Bag of 25	1	1 lb.
05449	14-10	Black	6"	1/4"	Bag of 25	1	1 lb.
05450	14-10	Red	6"	1/4"	Bag of 25	1	1 lb.
05447	12-8	Black	6"	5/16"	Bag of 25	1	1 lb.
05448	12-8	Red	6"	5/16"	Bag of 25	1	1 lb.

BULK HEAT SHRINKABLE TUBING

- Diameter fits wide range of sizes from 24 GA primary wire to heavy 4/0 cable
- Remains flexible after shrink
- RoHS Compliant

Shrink Ratio: 3:1

Wall thickness: 1/16"

Part #	Gauge	Color	Length	Expanded Diameter	Packaging	Master Carton	
						Quantity	Weight
31130	24 - 18	Black	48"	1/8"	Bulk	225	5 lbs.
31131	24 - 18	Red	48"	1/8"	Bulk	225	5 lbs.
31132	20 - 12	Black	48"	3/16"	Bulk	175	6 lbs.
31133	20 - 12	Red	48"	3/16"	Bulk	175	6 lbs.
31134	18 - 10	Black	48"	1/4"	Bulk	100	4 lbs.
31135	18 - 10	Red	48"	1/4"	Bulk	100	4 lbs.
31136	8 - 6	Black	48"	3/8"	Bulk	55	3 lbs.
31137	8 - 6	Red	48"	3/8"	Bulk	55	3 lbs.
31138	6 - 2	Black	48"	1/2"	Bulk	40	4 lbs.
31139	6 - 2	Red	48"	1/2"	Bulk	40	4 lbs.
31140	4 - 2/0	Black	48"	3/4"	Bulk	25	4 lbs.
31141	4 - 2/0	Red	48"	3/4"	Bulk	25	4 lbs.
31142	2 - 4/0	Black	48"	1"	Bulk	25	6 lbs.
31143	2 - 4/0	Red	48"	1"	Bulk	25	6 lbs.

SELF-FUSING AUTO TAPE

- Provides a moisture tight seal
- Insulates to protect wires and splices
- Ideal for high temperature applications
- Alternative to heat shrink tubing
- Completely cures within 24 hours
- RoHS Compliant



Part #	Length	Color	Packaging	Master Carton	
				Quantity	Weight
04366	10'	2 Red/2 Black	Box of 4	1	1 lb.
04367	10'	Black	Clamshell of 1	4	1 lb.
04368	10'	Red	Clamshell of 1	4	1 lb.

Self-Fusing Auto Tape

The latest technology in silicone tape. Self-Fusing tape is ideal for almost any application requiring a water-proof seal and is an excellent insulator with high dielectric strength. Uses include marine connections, battery terminals, automotive hoses, color coding, cable splices, and tool grip enhancement.



- **No sticky adhesive. Tape fuses upon itself when wrapped forming a permanent bond that is both airtight and waterproof**
- **Resists UV, oil, and corrosive chemicals**
- **Stretches to 300%**
- **Insulates 8,000 volts per layer**
- **Can easily be cut away to remove leaving no residue**
- **Temperature range of -65°F to 500°F**
- **Meets or exceeds UL standard 510**
- **Meets MIL-I-46852C Type II Std.**
- **RoHS Compliant**

BATTERY PROTECTION KIT

Kit Includes:

- Terminal protectors
- Battery cleaner brush
- 3/4 oz. can terminal protection spray
- 1 1/8 oz. can cleaner spray
- Hand cleaning towelette



Part #	Packaging	Master Carton	
		Quantity	Weight
00317	Clam Shell Kit	6	1 lb.

Master carton includes clip strip

BATTERY TERMINAL PROTECTION SPRAY

- Resists battery corrosion and prolongs battery life
- Lead free formula



00322



00320

Part #	Packaging	Master Carton	
		Quantity	Weight
00322	3/4 oz. can, Card of 1	12	2 lbs.
00320	10 oz. can	12	10 lbs.

BATTERY CLEANER SPRAY

- Penetrates, loosens, and neutralizes all acid corrosion deposits
- Helps eliminate energy loss with regular maintenance



00323



00321

Part #	Packaging	Master Carton	
		Quantity	Weight
00323	1-1/8 oz. can, Card of 1	12	2 lbs.
00321	15 oz. can	12	15 lbs.

BATTERY CLEANER SPRAY WITH ACID INDICATOR

- Penetrates, loosens, and neutralizes acid corrosion deposits
- Sprays on yellow - leaves pink foam to indicate where acid is present
- Helps eliminate energy loss with regular maintenance



Part #	Packaging	Master Carton	
		Quantity	Weight
00450	11 oz. can	12	11 lbs.

Note: All aerosol products may not meet Canadian packaging standards.



TERMINAL PROTECTORS

- Terminal protectors extend the life of batteries and terminals
- Chemically treated to help prevent corrosion

Part #	Color	Type	Packaging	Master Carton	
				Quantity	Weight
00237	Black	Top	Jar of 100	6	5 lbs.
01253	Red/Black	Top/Side Combo	Card of 2	24	1 lb.
01940	Red/Black	Top/Side Combo	Jar of 50	6	5 lbs.



01253



00237



01940

PREMIUM COMBO TOP/SIDE POST TERMINAL PROTECTOR

- Patented design



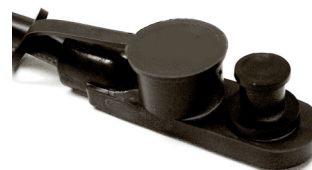
Part #	Color	Packaging	Master Carton	
			Quantity	Weight
00359	Red/Black	Card of 2	24	2 lbs.

PROTECTIVE STUD CAPS

- Keeps terminals protected from inadvertent, accidental contact
- Fits 3/8" stud
- Color identifies polarity
- RoHS complaint PVC



Part #	Color	Packaging	Master Carton	
			Quantity	Weight
04892	Red	Bag of 10	1	1 lbs.
04893	Black	Bag of 10	1	1 lbs.



Hold-downs, Boxes, and Tools



- Hold-downs
- Hold-down Bolts
- Battery Boxes and Trays
- Tools

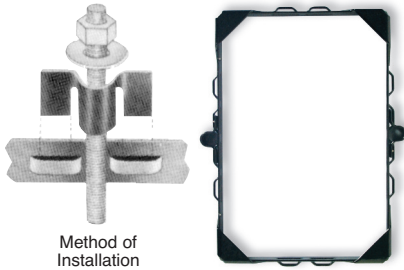
UNIVERSAL TYPE HOLD-DOWNS



Part #	Description	Packaging	Master Carton	
			Quantity	Weight
00251*	Universal Base Mount	Card of 1	10	5 lbs.
00236*	Cross-Bar 6-7/8" Wide	Clam Shell of 1	10	5 lbs.
00246	Univ Cross-Bar 5-1/8"-7-5/8" Width	Clam Shell of 1	10	3 lbs.
06167*	Univ Cross-Bar 5-1/8"-7-5/8" Width	Bulk	10	2 lbs.
00250*	Cross-Bar Adjust Mount 6-7/8" Width	Clam Shell of 1	10	8 lbs.
00239*	Perimeter 10-1/4" x 6-7/8"	Card of 1	10	6 lbs.
00678 ¹ *	Rubber Hold-Down Kit 6-7/8" w/Bolts & Nuts	Card of 1	10	7 lbs.
09645	Front Base Mount Wedge	Clam Shell of 1	10	2 lbs.
09646	Side Base Mount Wedge	Clam Shell of 1	10	2 lbs.

¹Rubber battery hold down kit includes two 10" J bolts, washers, and nuts

SAFETY GRIP HOLD-DOWNS FOR 6- & 12-VOLT APPLICATIONS



Method of Installation

- Bolts not included. Sold separately, see below.

Part #	Battery Group Size	Dimensions	Packaging	Master Carton	
				Quantity	Weight
06159	24/24F	6 - 7/8" x 10 - 7/8"	Box	1	1 lb.
06160	27	6 - 7/8" x 12 - 1/8"	Box	1	1 lb.
06165	31	6 - 7/8" x 13 - 1/8"	Box	1	1 lb.
06166	31 (for two grp 31 batts)	13 - 3/4" x 13 - 1/8"	Box	1	2 lbs.

BATTERY HOLD-DOWN BOLTS, WASHERS, & NUTS

- Heavy tempered steel bolts
- Wing nuts for quick, easy assembly
- Washers included



Part #	Dimensions	Type	Packaging	Master Carton	
				Quantity	Weight
00241	6" x 1/4"	J	Card of 2	10	3 lbs.
06153 ¹	6" x 1/4"	J	Bulk	50	5 lbs.
00916	8" x 1/4"	J	Card of 2	10	3 lbs.
06154 ¹	8" x 1/4"	J	Bulk	50	6 lbs.
00242	10" x 1/4"	J	Card of 2	10	4 lbs.
06155 ¹	10" x 1/4"	J	Bulk	50	6 lbs.
00244	12" x 1/4"	J	Card of 2	10	3 lbs.
06157 ¹	12" x 1/4"	J	Bulk	50	9 lbs.
06158	12" x 5/16"	Heavy-Duty J	Bulk	25	6 lbs.
00243	10" x 1/4"	L-Type	Card of 2	10	4 lbs.
06156 ¹	10" x 1/4"	L-Type	Bulk	50	6 lbs.

¹Wing nuts and washers are bagged separately in carton

BATTERY BOXES

- Polypropylene boxes protect battery in marine and commercial applications
- Vented for safety
- Includes all hardware for installation
- Snap lid for secure fit (03009 & 03189 only)

Part #	Group Size	Outside Dimensions (LxWxH)	Inside Dimensions (LxWxH)	Packaging	Master Carton	
					Quantity	Weight
03009	Marine 24	14-5/16" x 9-3/4" x 10-3/4"	10-5/8" x 7-3/16" x 9-3/4"	Bulk	12	24 lbs.
03188	U1	10-1/2" x 7-1/4" x 8-1/2"	8-1/4" x 5-3/8" x 8-1/8"	Bulk	12	16 lbs.
03189	Marine 27/31 ¹	17" x 9-3/4" x 11"	13-1/2" x 7-1/8" x 10"	Bulk	6	15 lbs.

¹Includes spacer



03009



03188



03189

UNIVERSAL BATTERY TRAYS

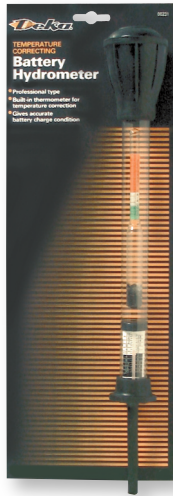
- Made with durable rust and corrosion resistant polypropylene

Part #	Group Size	Dimensions	Packaging	Master Carton	
				Quantity	Weight
00253	24	11-1/2" x 8-1/2"	Sleeve of 1	10	6 lbs.
00252	27/31	14" x 7-7/8"	Sleeve of 1	10	8 lbs.





00199



00231



00198



00233



00257

STANDARD FLOAT TYPE HYDROMETER

- Large size float type tester
- Float is color-coded
- Glass tube

Part #	Packaging	Master Carton	
		Quantity	Weight
00199	Card of 1	10	5 lbs.

TEMPERATURE CORRECTING HYDROMETER

- Features both temperature and float for calibrated readings
- Glass tube

Part #	Packaging	Master Carton	
		Quantity	Weight
00231	Card of 1	10	5 lbs.

DIAL TYPE BATTERY TESTER

- Dial indicates battery charge and specific gravity
- Permanent instructions on back of each tester

Part #	Packaging	Master Carton	
		Quantity	Weight
00198	Card of 1	10	4 lbs.

BALL TYPE ANTI-FREEZE TESTER

- Floating balls show degree of protection or coolant boiling point
- Accurate readings with hot or cold solutions

Part #	Packaging	Master Carton	
		Quantity	Weight
00233 ¹	Card of 1	10	1 lb.

¹May not be compatible with all types of antifreeze/coolant.

BULB TYPE BATTERY FILLER

- 6 oz. filler with 6" spout

Part #	Packaging	Master Carton	
		Quantity	Weight
00257	Card of 1	10	5 lbs.



00318

2-QUART BATTERY FILLER

- Automatic shut off spout that stops filling once battery has reached the proper level

Part #	Packaging	Master Carton	
		Quantity	Weight
00318	Bulk	10	4 lbs.



00194

SAFETY GRIP BATTERY LIFTERS FOR POST TERMINAL BATTERIES

- Heavy-duty, acid-resistant vinyl carrier straps have plated metal parts that resist rust and corrosion.

Part #	Length	Packaging	Master Carton	
			Quantity	Weight
00194	14"	Clamshell of 1	10	4 lbs.
06149	14"	Bulk	10	3 lbs.
00195	21"	Clamshell of 1	10	5 lbs.



03501

HEAVY-DUTY BATTERY CARRIER

- Carries both Side- and Top-Post batteries.
- Heavy-duty zinc-plated steel construction.
- Easy grip handle.
- Riveted rubber grip pads to provide a secure hold on battery.
- Fits up to a Group 65 battery.

Part #	Packaging	Master Carton	
		Quantity	Weight
03501	Sleeve of 1	6	9 lbs.



00197

SURE GRIP BATTERY CARRIER

- Saw tooth gripping arms grasp tightly on all surfaces
- Heavy-duty construction resists acid

Part #	Packaging	Master Carton	
		Quantity	Weight
00197	Card of 1	6	5 lbs.
06152	Bulk	6	4 lbs.

00551/07372



GOLF CAR BATTERY LIFTING STRAP WIDE HOOKS

- 11 3/4" long
- 1" wide
- Designed for secure attachment to golf car batteries

Part #	Packaging	Master Carton	
		Quantity	Weight
00551	Bulk	10	3 lbs.
07372	Clam Shell of 1	10	3 lbs.

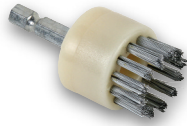




00254



05515



05516



00682



00255



00256



00235



08861

BATTERY POST AND TERMINAL CLEANER

- Cleans SAE top posts and matching cable connections

Part #	Packaging	Master Carton	
		Quantity	Weight
00254	Card of 1	10	2 lbs.
02252 ¹	Box of 10	1	2 lbs.

¹Individually UPC'd.

TERMINAL CLEANING POWER BRUSHES

- Used to clean battery terminals
- Securely fits in a standard power drill
- Durable injection molded housing with steel shaft

Part #	Type	Packaging	Master Carton	
			Quantity	Weight
05515	Top	Box of 5	1 Box	1 lb.
05516	Stud	Box of 5	1 Box	1 lb.

3-WAY CLEANING & CUTTING TOOL

Part #	Packaging	Master Carton	
		Quantity	Weight
00682	Card of 1	10	5 lbs.

BATTERY TERMINAL SPREADER

Part #	Packaging	Master Carton	
		Quantity	Weight
00255	Clam Shell of 1	10	7 lbs.

BATTERY TERMINAL LIFTER

Part #	Packaging	Master Carton	
		Quantity	Weight
00256	Card of 1	10	5 lbs.

ANGLE NOSE PLIERS

Part #	Packaging	Master Carton	
		Quantity	Weight
00235	Clam Shell of 1	10	5 lbs.

BATTERY TERMINAL COMBO WRENCH

Part #	Packaging	Master Carton	
		Quantity	Weight
08861 ¹	Card of 1	10	3 lbs.

¹Suitable for OE top (10mm) and side terminal bolts (5/16"); additional socket is suitable for 1/2" nuts.



00915



05435



05408



05434



05409



05410



08751

PRIMARY WIRE CRIMPING AND STRIPPING TOOL

- Cuts wire, strips insulation and tightly crimps wire terminals

Part #	Range	Packaging	Master Carton	
			Quantity	Weight
00915	Up to 8 gauge	Card of 1	6	3 lbs.

CABLE STRIPPING TOOL

Part #	Range	Packaging	Master Carton	
			Quantity	Weight
05435	10 gauge - 4/0	Bulk	1	1 lb.

CABLE CUTTER

Part #	Range	Packaging	Master Carton	
			Quantity	Weight
05408	Up to 4/0	Bulk	1	1 lb.

HEAVY-DUTY CABLE CRIMPER

Part #	Range	Packaging	Master Carton	
			Quantity	Weight
05434	8 gauge - 1/0	Box	1	4 lbs.
05409	6 gauge - 4/0	Box	1	6 lbs.

HAMMER CRIMPER

- Crimping tool driven by hammer impact with locking lever for easy loading

Part #	Range	Packaging	Master Carton	
			Quantity	Weight
05410	8 gauge - 4/0	Bag	1	2 lbs.

DIGITAL VOLTMETER

Part #	Packaging	Master Carton	
		Quantity	Weight
08751	Clam Shell of 1	6	2 lbs.

BATTERY ACCESSORIES & ELECTRICAL CENTER

One stop display for your battery accessories and electrical wire needs.
Keep a complete line of products in a small amount of space.

SPINNER RACK

KIT INCLUDES:

- 4-Sided spinner rack w/ 12x48 inch panels
- Complete line of battery accessories including terminals, tools, corrosion protection items, hold-downs and booster cables
- Wide variety (color, length, gauge) of electrical 12 volt automotive primary wire
- Highly visible header sign
- Planogram diagram to reduce set-up time
- Peg hooks
- Stock re-order cards



Additional 50 pack of stock re-order cards available. Order Part #07752.

Part #	Packaging	Master Carton	
		Quantity	Weight
08765	5 Boxes	1	148 lbs.

**BATTERY ACCESSORIES & ELECTRICAL CENTER PLANOGRAM
(KIT PART NO. 08765)**



Panel A

Loc.	Part #	Description	No. Pegs	Pcs. / Peg	Total Pcs.
1	00350	TERMINAL, HD UNIV 1/CS	3	4	12
2	00366	TERMINAL, HD COMM UNIV 1/CS	2	4	8
3	03067	TERMINAL, HD UNIV EPOXY RED/BLK 2/CS	1	3	3
4	00353	TERMINAL, SIDE ADAPTER POS/NEG 2/CS	1	2	2
5	00324	BOLT WITH NUT, 5/16 -18 x 1-1/4 2/CS	1	3	3
6	01253	PROTECTORS, TMNL COMBO SIDE & TOP 2/CD	1	8	8
7	01056	TERMINAL, NON LEAD UNIV	2	4	8
8	00639	TERMINAL, MARINE BRASS 2/CS	1	2	2
9	00148	TERMINAL, MARINE EPOXY RED/BLK 2/CS	1	2	2
10	00354	TERMINAL, MARINE POS/NEG 2/CS	1	2	2
11	00512	TERMINAL, HD UNIV BRASS 1/CS	1	2	2
12	08864	CABLE, 4 GA SPLICE TOP POST DUAL CABLE W/1 LEAD NON-LEAD	1	1	1
13	08865	CABLE, 4 GA SPLICE TOP POST W/2 LEADS NON-LEAD	1	1	1
14	08859	CABLE, 4 GA SPLICE STUD POST DUAL CABLE W/1 LEAD NON-LEAD	1	1	1
15	08863	CABLE, 4 GA SPLICE SIDE POST DUAL CABLE W/1 LEAD NON-LEAD	1	1	1
16	08867	CABLE, 1 GA SPLICE TOP POST W/2 LEADS NON-LEAD	1	1	1
17	08869	CABLE, 4 GA SPLICE STUD POST W/2 LEADS NON-LEAD	1	1	1



Panel B

Loc.	Part #	Description	No. Pegs	Pcs. / Peg	Total Pcs.
1	00351	TERMINAL, HD REPL SIDE 1/CS	2	3	6
2	00325	BOLT, SIDE 3/8 OE REPL SHORT 2/CS	2	4	8
3	00543	BOLT EXTENDERS, BRASS SHORT SIDE 1/CS	1	2	2
4	08766	BOLT, SIDE 3/8 OE REPL LONG W/LEAD SPACER 1/CS	1	3	3
5	00548	LUG, COPR 6 GA 1/4 STUD 2/CS	1	4	4
6	00549	LUG, COPR 6 GA 5/16 STUD 2/CS	1	4	4
7	00547	LUG, COPR 4 GA 5/16 STUD 2/CS	2	4	8
8	00685	LUG, COPR 4 & 6 GA 3/8 STUD 2/CS	2	4	8
9	00546	LUG, COPR 2 GA 5/16 STUD 2/CS	1	4	4
10	00544	LUG, COPR 2 GA 3/8 STUD 2/CS	1	4	4
11	00545	LUG, COPR 2 GA 1/2 STUD 2/CS	1	4	4
12	00539	LUG, TIN-PLTD COPR 2/0 GA 3/8 STUD 2/CS	2	4	8
13	00540	LUG, TIN-PLTD COPR 2/0 GA 1/2 STUD 2/CS	1	4	4
14	00574	NUTS, GROUP 31 CLOSED TOP 3/8" HOLE 1/CS	1	4	4
15	00575	TERMINAL, CHARGING POST 3/8" STUD 2/CS	1	2	2
16	00197	CARRIER, BATT SURE GRIP 1/CD	1	2	2
17	08861	SIDE/TOP WRENCH	1	2	2
18	00386	TERMINAL, CHARGING POST W/EARS 2/CS	1	2	2
19	00193	BOLT WITH NUT, 1/4 -20 x 3/4 2/CS	1	3	3
20	00179	CABLE, BOOSTER DUAL CCA 10 GA 12' 200C BLK/RED 1/BAG	1	2	2
21	00146	CABLE, BOOSTER DUAL CCA 10 GA 10' 50A YEL	1	1	1

**BATTERY ACCESSORIES & ELECTRICAL CENTER PLANOGRAM
(KIT PART NO. 08765) (CONT.)**



Panel C

Loc.	Part #	Description	No. Pegs	Pcs. / Peg	Total Pcs.
1	00682	TOOL, CLEANING & CUTTING 3-WAY 1/CD	1	2	2
2	00254	CLEANER, BATT POST & TMNL 1/CD	1	3	3
3	00181	CLAMP, TUNE-UP/TEST EQUIP 50A RED/BLK 2/CD	1	3	3
4	09645	HOLDDOWN, GM WEDGE BASE MOUNT	1	2	2
5	00182	CLAMP, VINYL-CTD STEEL HD 500E RED/BLK 2/CD	1	2	2
6	09646	HOLDDOWN, FORD WEDGE BASE MOUNT	1	2	2
7	00317	KIT, BATT TMNL PROTECTION	1	2	2
8	00246	HOLD-DOWN, UNIV PLASTIC ADJUST CS	1	2	2
9	00242	BOLTS, HOLD-DOWN J TYPE 10" 2/CD	1	2	2
10	00678	HOLD-DOWN, KIT SK PK	1	2	2
11	00684	BOOTS, TMNL STR 4 & 6 GA BLK/RED 2/CS	1	2	2
12	04852	CABLE, BOOSTER DUAL 10 GA 12' CPA BLK/RED 1/SLV	1	2	2
13	00916	BOLTS, HOLD-DOWN J TYPE 8" 2/CD	1	2	2



Panel D

Loc.	Part #	Description	No. Pegs	Pcs. / Peg	Total Pcs.
1	00394	WIRE, PRIMARY 18 GA 40' 80 RED 1/CD	1	2	2
2	00395	WIRE, PRIMARY 18 GA 40' 80 BLK 1/CD	1	2	2
3	00474	WIRE, PRIMARY 16 GA 28' 80 RED 1/CD	1	2	2
4	00475	WIRE, PRIMARY 16 GA 28' 80 BLK 1/CD	1	2	2
5	00472	WIRE, PRIMARY 16 GA 28' 80 WHT 1/CD	1	2	2
6	00399	WIRE, PRIMARY 16 GA 28' 80 GRN 1/CD	1	2	2
7	00398	WIRE, PRIMARY 16 GA 28' 80 YEL 1/CD	1	2	2
8	00482	WIRE, PRIMARY 14 GA 20' 80 RED 1/CD	1	2	2
9	00483	WIRE, PRIMARY 14 GA 20' 80 BLK 1/CD	1	2	2
10	00480	WIRE, PRIMARY 14 GA 20' 80 WHT 1/CD	1	2	2
11	00484	WIRE, PRIMARY 14 GA 20' 80 BRN 1/CD	1	2	2
12	00481	WIRE, PRIMARY 14 GA 20' 80 BLU 1/CD	1	2	2
13	00479	WIRE, PRIMARY 14 GA 20' 80 GRN 1/CD	1	2	2
14	00478	WIRE, PRIMARY 14 GA 20' 80 YEL 1/CD	1	2	2
15	00490	WIRE, PRIMARY 12 GA 12' 80 RED 1/CD	1	2	2
16	00491	WIRE, PRIMARY 12 GA 12' 80 BLK 1/CD	1	2	2
17	00498	WIRE, PRIMARY 10 GA 8' 80 RED 1/CD	1	2	2
18	00499	WIRE, PRIMARY 10 GA 8' 80 BLK 1/CD	1	2	2
19	02941	WIRE, BND PARALLEL 16/1-18/3 25' WHT,BRN,YEL,GRN	2	2	2
20	04367	TAPE, SELF FUSING BLK 1/CS	1	2	2
21	04368	TAPE, SELF FUSING RED 1/CS	1	2	2
22	00915	TOOL, CRIMPING/STRIPPING PW 1/CD	1	2	2
23	08751	VOLT METER, DIGITAL	1	2	2



METAL ACCESSORY BOX AND PLASTIC DIVIDERS

Organize terminals, lugs, nuts & bolts, heat shrinkable tubing, solderless terminals, and many other small accessories in our line.

- 18" W x 12" D x 3" H
- 3 fixed vertical dividers
- 9 plastic horizontal dividers



08773



08774

Part #	Packaging	Master Carton	
		Quantity	Weight
08773	Bulk	1	8 lbs.
08774	Bag of 9 Dividers	1	1 lbs.

4 ROD WIRE RACK

- For storage and organization of spooled wire
- Holds spools up to 7" in diameter
- Wall mountable
- Grey powder coat is rust and acid resistant
- 26 1/8" W x 6" D x 37 1/8" H



Part #	Packaging	Master Carton	
		Quantity	Weight
08772	Box of 1	1	17 lbs.

4-SIDED SPINNER RACK

- With 12" x 48" panels

Part #	Packaging	Master Carton	
		Quantity	Weight
97664	Box of 1	1	31 lbs.

BATTERY ISOLATORS

Enhances your alternator performance for efficient charging, maximum power, longer battery life, and safer operation.

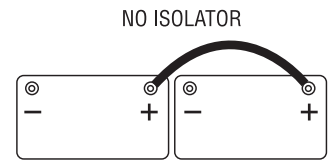
- Protects main starting battery from auxiliary drain
- Regulates current for multi-battery system
- Ideal for automotive, marine, and RV applications



Part #	Description	Packaging	Master Carton	
			Quantity	Weight
08770	Isolator 95 Amp	Clam Shell of 1	6	8 lbs.
08771	Isolator 120 Amp	Clam Shell of 1	6	14 lbs.

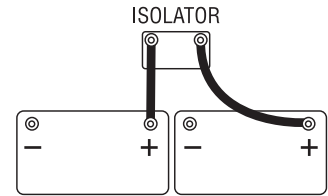
Without an isolator.

In a multi-battery system, the battery with the lower state of charge will drain power from the battery with the higher state of charge.



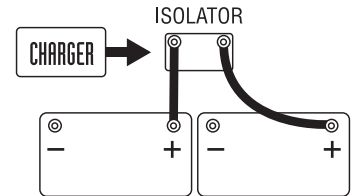
The benefits of using an isolator.

The battery isolator protects your starting battery power so that no matter how weak your accessory battery becomes, the accessory battery will never drain power from the starting battery.

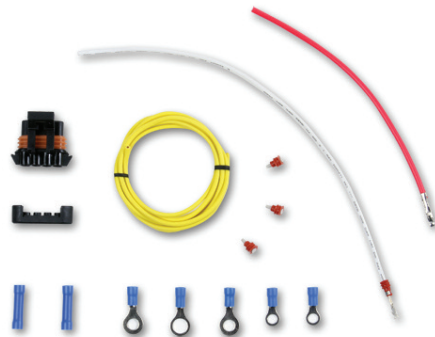


Additional benefits of using an isolator.

The battery isolator also saves time by allowing simultaneous charging of both batteries. The amount of current flowing into each battery is determined by its state of charge, which guarantees that each battery will get fully charged, prolonging its life.



ISOLATOR INSTALLATION KITS



08768

Part #	Description	Packaging	Master Carton	
			Quantity	Weight
08768 ¹	CS Isolator Kit	Clam Shell of 1	10	1 lbs.
08769 ²	Isolator Kit	Clam Shell of 1	6	1 lbs.

¹Contains: Complete instructions, various 16-14 gauge terminals

Sensor wire for "S" position on some GM alternator connectors and primary wire

²Contains: Complete instructions, various terminals and connectors, 15' of 8 gauge wire, and a 50 amp circuit breaker

Wire and Cable

East Penn manufactures a complete line of automotive, marine, and commercial wire and cable products on site. Copper rod is drawn into fine strands and bunched to form a conductor. The conductor is then jacketed in one of our many extrusion lines before being packaged onto spools, reels, or drums. All wire and cable is RoHS and REACH compliant and built to meet SAE, UL, and/or CSA specifications.



- Primary Wire
- GXL Cross-Linked Polyethylene Wire
- SXL Cross-Linked Polyethylene Wire
- Starter Cable
- SGX Cross-Linked Polyethylene Wire
- Welding Cable
- UL/CSA 1015 Single Conductor Wire
- UL 1426/CSA Tinned Wire and Cable
- Bonded Parallel
- Automotive Duplex, Triplex, Quadruplex
- Trailer Cable Wire
- Booster Cable Wire



PRIMARY WIRE - RATED 80°C

General-purpose thermoplastic insulated wire ideal for automotive, truck, trailers, boats, and other point-to-point, low voltage wiring applications. Its jacket surface is smooth enough to easily go through loom or conduit yet tough enough to resist grease, oil, and acid. Meeting the standard for O.E. or replacement applications, this single conductor copper wire is the ideal solution for dependable general purpose needs.



Voltage: Rated at 60V or less

Temperature: Rated -40°C (-40°F) to 80°C (176°F)

Specifications: SAE J1128, SAE J378

• *Spiral striping of this product is available. Please refer to page 110 for details.*



20 Gauge
Stranding 10/30
Nominal OD 0.085

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange
				Red	White	Black	Green	Yellow	Brown	Blue	Orange
45'	Card	12	4 lbs.	04757	04758	04759	04760	04761	04762	04763	—
100'	Spool (H)	4	3 lbs.	02684	02685	02687	02688	02689	02690	02686	—
1000'	Spool (K)	1	7 lbs.	02691	02692	02694	02695	02696	02697	02693	—
15000'	Factory Reel (C)	15000'	99 lbs.	14300	14301	14303	14304	14305	14306	14302	—

Note: letter in parenthesis designates spool ID, see page 111.

18 Gauge
Stranding 16/30
Nominal OD 0.095

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange
				Red	White	Black	Green	Yellow	Brown	Blue	Orange
40'	Card	12	5 lbs.	00394	00392	00395	00391	00390	00396	00393	00397
45'	Spool (I)	12	6 lbs.	02300	02301	02302	02303	02304	02305	02306	02307
100'	Spool (H)	4	4 lbs.	02308	02309	02310	02311	02312	02313	02314	02315
500'	Spool (J)	1	5 lbs.	02322	02323	02324	02325	02326	02327	02328	02329
1000'	Spool (K)	1	9 lbs.	02336	02337	02338	02339	02340	02341	02342	02343
11000'	Factory Reel (C)	11000'	94 lbs.	14500	14501	14502	14503	14504	14505	14506	14507
40000'	Drum (E)	40000'	375 lbs.	14552	14553	14554	14555	14556	14557	14558	14559

Note: letter in parenthesis designates spool ID, see page 111.



16 Gauge
Stranding 19/29
Nominal OD 0.102

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange
				Red	White	Black	Green	Yellow	Brown	Blue	Orange
28'	Card	12	5 lbs.	00474	00472	00475	00399	00398	00476	00473	00477
35'	Spool (I)	12	6 lbs.	02350	02351	02352	02353	02354	02355	02356	02357
100'	Spool (H)	4	5 lbs.	02358	02359	02360	02361	02362	02363	02364	02365
500'	Spool (J)	1	6 lbs.	02372	02373	02374	02375	02376	02377	02378	02379
1000'	Spool (K)	1	12 lbs.	02386	02387	02388	02389	02390	02391	02392	02393
9000'	Factory Reel (C)	9000'	114 lbs.	14509	14510	14511	14512	14513	14514	14515	14516
30000'	Drum (E)	30000'	371 lbs.	14561	14562	14563	14564	14565	14566	14567	14568

Note: letter in parenthesis designates spool ID, see page 111.

14 Gauge
Stranding 19/27
Nominal OD 0.117

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange
				Red	White	Black	Green	Yellow	Brown	Blue	Orange
20'	Card	12	5 lbs.	00482	00480	00483	00479	00478	00484	00481	00485
25'	Spool (I)	12	6 lbs.	02400	02401	02402	02403	02404	02405	02406	02407
100'	Spool (H)	4	7 lbs.	02408	02409	02410	02411	02412	02413	02414	02415
500'	Spool (J)	1	9 lbs.	02422	02423	02424	02425	02426	02427	02428	02429
1000'	Spool (K)	1	19 lbs.	02436	02437	02438	02439	02440	02441	02442	02443
6000'	Factory Reel (C)	6000'	106 lbs.	14518	14519	14520	14521	14522	14523	14524	14525
20000'	Drum (E)	20000'	353 lbs.	14570	14571	14572	14573	14574	14575	14576	14577

Note: letter in parenthesis designates spool ID, see page 111.

12 Gauge
Stranding 19/25
Nominal OD 0.142

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange
				Red	White	Black	Green	Yellow	Brown	Blue	Orange
12'	Card	12	5 lbs.	00490	00488	00491	00487	00486	00492	00489	00493
15'	Spool (I)	12	6 lbs.	02450	02451	02452	02453	02454	02455	02456	02457
100'	Spool (H)	4	11 lbs.	02458	02459	02460	02461	02462	02463	02464	02465
500'	Spool (K)	1	13 lbs.	02472	02473	02474	02475	02476	02477	02478	02479
1000'	Reel (A)	1	28 lbs.	02486	02487	02488	02489	02490	02491	02492	02493
4500'	Factory Reel (C)	4500'	106 lbs.	14527	14528	14529	14530	14531	14532	14533	14534
15000'	Drum (E)	15000'	394 lbs.	14579	14580	14581	14582	14583	14584	14585	14586

Note: letter in parenthesis designates spool ID, see page 111.

10 Gauge
Stranding 19/23
Nominal OD 0.174

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange
				Red	White	Black	Green	Yellow	Brown	Blue	Orange
8'	Card	12	5 lbs.	00498	00496	00499	00495	00494	00501	00497	00502
10'	Spool (I)	12	6 lbs.	02500	02501	02502	02503	02504	02505	02506	02507
100'	Spool (J)	4	19 lbs.	02508	02509	02510	02511	02512	02513	02514	02515
500'	Spool (K)	1	20 lbs.	02522	02523	02524	02525	02526	02527	02528	02529
1000'	Reel (A)	1	42 lbs.	02536	02537	02538	02539	02540	02541	02542	02543
3500'	Factory Reel (D)	3500'	137 lbs.	14536	14537	14538	14539	14540	14541	14542	14543
10000'	Drum (E)	10000'	411 lbs.	14588	14589	14590	14591	14592	14593	14594	14595

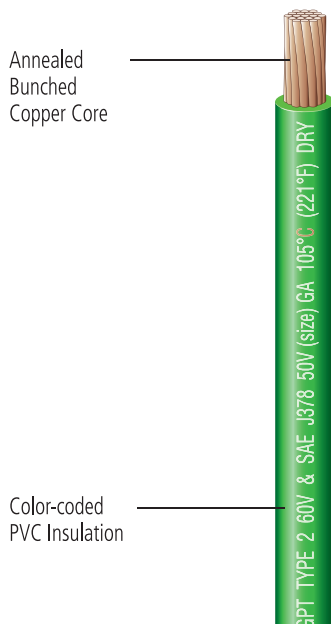
Note: letter in parenthesis designates spool ID, see page 111.

8 Gauge
Stranding 19/21
Nominal OD 0.215

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange
				Red	White	Black	Green	Yellow	Brown	Blue	Orange
100'	Spool (J)	1	6 lbs.	02550	02551	02552	02553	—	—	—	—
500'	Reel (A)	1	31 lbs.	02554	02555	02556	02557	—	—	—	—
1000'	Reel (B)	1	68 lbs.	02558	02559	02560	02561	—	—	—	—
2500'	Factory Reel (D)	2500'	159 lbs.	14545	14546	14547	14548	—	—	—	—
7000'	Drum (E)	7000'	441 lbs.	14597	14598	14599	14600	—	—	—	—

Note: letter in parenthesis designates spool ID, see page 111.

PRIMARY WIRE - RATED 105°C



Annealed
Bunched
Copper Core

Color-coded
PVC Insulation

General-purpose thermoplastic insulated wire ideal for automotive, truck, trailers, boats, and other point-to-point, low voltage wiring applications. Its jacket surface is smooth enough to easily go through loom or conduit yet tough enough to resist grease, oil, and acid. Meeting the standard for O.E. or replacement applications, this single conductor copper wire is the ideal solution for dependable general purpose needs.

Voltage: Rated at 60V or less

Temperature: Rated -40°C (-40°F) to 105°C (221°F)

Specifications: SAE J1128, SAE J378

• *Spiral striping of this product is available. Please refer to page 110 for details.*



Print Legend:

SAE J1128 GPT TYPE 2 60V & SAE J378 50V (size) GA 105°C (221°F) DRY

18 Gauge – Stranding 16/30; Nominal OD 0.095

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange	Gray	Purple	Dk Blue	Dk Green	Tan	Pink
				100'	Spool (H)	4	4 lbs.	02814	02815	02816	02817	02818	02819	02820	02821	02316	02317
500'	Spool (J)	1	5 lbs.	02822	02823	02824	02825	02826	02827	02828	02829	02330	02331	02332	02333	02334	02335
1000'	Spool (K)	1	9 lbs.	02830	02831	02832	—	02833	—	02834	—	02344	02345	02346	02347	02348	02349
11000'	Factory Reel (C)	11000'	94 lbs.	14601	14602	14603	14604	14605	14606	14607	14608	14609	14610	14611	14612	14613	14614
40000'	Drum (E)	40000'	375 lbs.	14678	14679	14680	14681	14682	14683	14684	14685	14686	14687	14688	14689	14690	14691

Note: letter in parenthesis designates spool ID, see page 111.

16 Gauge – Stranding 19/29; Nominal OD 0.102

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange	Gray	Purple	Dk Blue	Dk Green	Tan	Pink
				100'	Spool (H)	4	5 lbs.	02790	02791	02792	02793	02794	02795	02796	02797	02366	02367
500'	Spool (J)	1	6 lbs.	02798	02799	02800	02801	02802	02803	02804	02805	02380	02381	02382	02383	02384	02385
1000'	Spool (K)	1	12 lbs.	02806	02807	02808	02809	02810	02811	02812	02813	02394	02395	02396	02397	02398	02399
9000'	Factory Reel (C)	9000'	114 lbs.	14615	14616	14617	14618	14619	14620	14621	14622	14623	14624	14625	14626	14627	14628
30000'	Drum (E)	30000'	371 lbs.	14692	14693	14694	14695	14696	14697	14698	14699	14700	14701	14702	14703	14704	14705

Note: letter in parenthesis designates spool ID, see page 111.

14 Gauge – Stranding 19/27; Nominal OD 0.117

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange	Gray	Purple	Dk Blue	Dk Green	Tan	Pink
				Red	White	Black	Green	Yellow	Brown	Blue	Orange	Gray	Purple	Dk Blue	Dk Green	Tan	Pink
100'	Spool (H)	4	7 lbs.	02766	02767	02768	02769	02770	02771	02772	02773	02416	02417	02418	02419	02420	02421
500'	Spool (J)	1	9 lbs.	02774	02775	02776	02777	02778	02779	02780	02781	02430	02431	02432	02433	02434	02435
1000'	Spool (K)	1	19 lbs.	02782	02783	02784	02785	02786	02787	02788	02789	02444	02445	02446	02447	02448	02449
6000'	Factory Reel (C)	6000'	106 lbs.	14629	14630	14631	14632	14633	14634	14635	14636	14637	14638	14639	14640	14641	14642
20000'	Drum (E)	20000'	353 lbs.	14706	14707	14708	14709	14710	14711	14712	14713	14714	14715	14716	14717	14718	14719

Note: letter in parenthesis designates spool ID, see page 111.

12 Gauge – Stranding 19/25; Nominal OD 0.142

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange	Gray	Purple	Dk Blue	Dk Green	Tan	Pink
				Red	White	Black	Green	Yellow	Brown	Blue	Orange	Gray	Purple	Dk Blue	Dk Green	Tan	Pink
100'	Spool (H)	4	11 lbs.	02742	02743	02744	02745	02746	02747	02748	02749	02466	02467	02468	02469	02470	02471
500'	Spool (K)	1	13 lbs.	02750	02751	02752	02753	02754	02755	02756	02757	02480	02481	02482	02483	02484	02485
1000'	Reel (A)	1	28 lbs.	02758	02759	02760	02761	02762	02763	02764	02765	02494	02495	02496	02497	02498	02499
4500'	Factory Reel (C)	4500'	106 lbs.	14643	14644	14645	14646	14647	14648	14649	14650	14651	14652	14653	14654	14655	14656
15000'	Drum (E)	15000'	394 lbs.	14720	14721	14722	14723	14724	14725	14726	14727	14728	14729	14730	14731	14732	14733

Note: letter in parenthesis designates spool ID, see page 111.

10 Gauge – Stranding 19/23; Nominal OD 0.174

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange	Gray	Purple	Dk Blue	Dk Green	Tan	Pink
				Red	White	Black	Green	Yellow	Brown	Blue	Orange	Gray	Purple	Dk Blue	Dk Green	Tan	Pink
100'	Spool (J)	4	19 lbs.	02718	02719	02720	02721	02722	02723	02724	02725	02516	02517	02518	02519	02520	02521
500'	Spool (K)	1	20 lbs.	02726	02727	02728	02729	02730	02731	02732	02733	02530	02531	02532	02533	02534	02535
1000'	Reel (A)	1	42 lbs.	02734	02735	02736	02737	02738	02739	02740	02741	02544	02545	02546	02547	02548	02549
3500'	Factory Reel (D)	3500'	137 lbs.	14657	14658	14659	14660	14661	14662	14663	14664	14665	14666	14667	14668	14669	14670
10000'	Drum (E)	10000'	411 lbs.	14734	14735	14736	14737	14738	14739	14740	14741	14742	14743	14744	14745	14746	14747

Note: letter in parenthesis designates spool ID, see page 111.

8 Gauge – Stranding 19/21; Nominal OD 0.215

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green
				Red	White	Black	Green
100'	Spool (J)	1	6 lbs.	02706	02707	02708	02709
500'	Reel (A)	1	31 lbs.	02710	02711	02712	02713
1000'	Reel (B)	1	68 lbs.	02714	02715	02716	02717
2500'	Factory Reel (D)	2500'	159 lbs.	14671	14672	14673	14674
7000'	Drum (E)	7000'	441 lbs.	14748	14749	14750	14751

Note: letter in parenthesis designates spool ID, see page 111.

GXL CROSS-LINKED POLYETHYLENE WIRE - RATED 125°C



General-purpose high temperature (up to 125°C or 257°F) automotive wire is ideal for under-hood automotive wiring applications with hard-to-fit areas. Abrasion-resistant design is highly resistant to moisture, oil, grease, gasoline, and other damaging solvents. Works well with most standard automotive connections and is specified for use in engine compartments where high heat resistance is required by SAE J1128 specifications. Cross-linking structure reinforces the polyethylene insulation for enhanced durability and resistance to heat and abrasion.

Voltage: Rated at 60VDC/25VAC or less

Temperature: Rated at -40°C (-40°F) to 125°C 257°F)

Specifications: SAE J1128, Ford ESB-M1L 85A, and Chrysler MS-8900



Print Legend:

EAST PENN HITECH® SAE J1128 GXL TYPE2 60V (size) GA 125°C (257°F) DRY MADE IN USA

18 Gauge

Stranding 16/30
Nominal OD 0.094

(SAE J1128 and ESB-MIL 85A ONLY)

Length	Pkg.	MC Qty.	Weight							
				Red	White	Black	Green	Yellow	Brown	Blue
1000'	Spool (K)	1	9 lbs.	03025	03026	03027	03028	03029	03030	03031
5000'	Factory Reel (M)	5000	46 lbs.	14307	14308	14309	14310	14311	14312	14313

Note: letter in parenthesis designates spool ID, see page 111.

16 Gauge

Stranding 19/29
Nominal OD 0.103

Length	Pkg.	MC Qty.	Weight							
				Red	White	Black	Green	Yellow	Brown	Blue
1000'	Spool (K)	1	12 lbs.	03032	03033	03034	03035	03036	03037	03038
5000'	Factory Reel (M)	5000	61 lbs.	14314	14315	14316	14317	14318	14319	14320

Note: letter in parenthesis designates spool ID, see page 111.

14 Gauge

Stranding 19/27
Nominal OD 0.117

Length	Pkg.	MC Qty.	Weight							
				Red	White	Black	Green	Yellow	Brown	Blue
1000'	Spool (K)	1	17 lbs.	03039	03040	03041	03042	03043	03044	03045
5000'	Factory Reel (L)	5000	86 lbs.	14321	14322	14323	14324	14325	14326	14327

Note: letter in parenthesis designates spool ID, see page 111.





12 Gauge
Stranding 19/25
Nominal OD 0.142

Length	Pkg.	MC Qty.	Weight							
				Red	White	Black	Green	Yellow	Brown	Blue
1000'	Spool (K)	1	25 lbs.	03046	03047	03048	03049	03050	03051	03052
3000'	Factory Reel (M)	3000	78 lbs.	14328	14329	14330	14331	14332	14333	14334

Note: letter in parenthesis designates spool ID, see page 111.

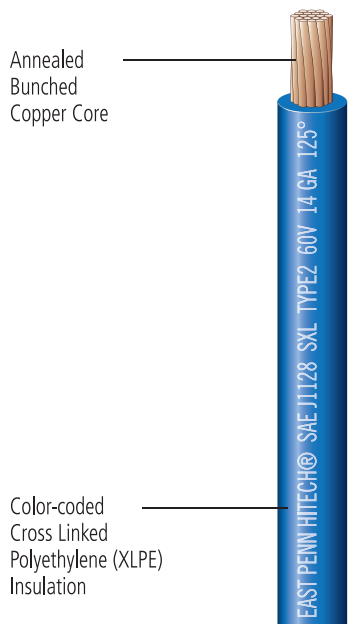
10 Gauge
Stranding 19/23
Nominal OD 0.179

Length	Pkg.	MC Qty.	Weight							
				Red	White	Black	Green	Yellow	Brown	Blue
1000'	Spool (K)	1	38 lbs.	03053	03054	03055	03056	03057	03058	03059
2000'	Factory Reel (M)	2000	99 lbs.	14335	14336	14337	14338	14339	14340	14341

Note: letter in parenthesis designates spool ID, see page 111.

SXL CROSS-LINKED POLYETHYLENE WIRE - RATED 125°C

Special-purpose high temperature (up to 125°C or 257°F) automotive wire. Abrasion-resistant design is resistant to moisture, oil, grease, gasoline, and other damaging solvents. Works well in engine compartments where strict temperature ranges are required according to SAE J1128 specifications. Cross-linking structure reinforces the polyethylene insulation for enhanced durability and resistance to heat and abrasion.



Voltage: Rated at 60VDC/25VAC or less

Temperature: Rated at -40°C (-40°F) to 125°C (257°F)

Specifications: SAE J1128, Ford ESB-M1L 123A, and Chrysler MS-5919

• *Spiral striping of this product is available. Please refer to page 110 for details.*



Print Legend:

EAST PENN HITECH® SAE J1128 SXL TYPE2 60V (size) GA 125°C (257°F) DRY MADE IN USA

20 Gauge – Stranding 7/28; Nominal OD 0.096 (SAE J1128 and MS-5919 only)

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange	Pink	Purple	Grey
				Red	White	Black	Green	Yellow	Brown	Blue	Orange	Pink	Purple	Grey
100'	Spool (H)	4	4 lbs.	02865	02866	02867	02868	02869	02870	02871	—	31030	31031	31032
1000'	Spool (K)	1	8 lbs.	02872	02873	02874	02875	02876	02877	02878	—	31048	31049	31050

Note: letter in parenthesis designates spool ID, see page 111.

18 Gauge – Stranding 16/30; Nominal OD 0.108

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange	Pink	Purple	Grey
				Red	White	Black	Green	Yellow	Brown	Blue	Orange	Pink	Purple	Grey
100'	Spool (H)	4	4 lbs.	02600	02601	02606	02603	02604	02605	02602	02607	31027	31028	31029
1000'	Spool (K)	1	9 lbs.	02639	02640	02645	02642	02643	02644	02641	02646	31045	31046	31047

Note: letter in parenthesis designates spool ID, see page 111.

16 Gauge – Stranding 19/29; Nominal OD 0.121

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange	Pink	Purple	Grey
				Red	White	Black	Green	Yellow	Brown	Blue	Orange	Pink	Purple	Grey
100'	Spool (H)	4	5 lbs.	02608	02609	02614	02611	02612	02613	02610	02615	31024	31025	31026
1000'	Spool (K)	1	12 lbs.	02647	02648	02653	02650	02651	02652	02649	02654	31042	31043	31044

Note: letter in parenthesis designates spool ID, see page 111.





14 Gauge – Stranding 19/27; Nominal OD 0.139

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange	Pink	Purple	Grey
				Red	White	Black	Green	Yellow	Brown	Blue	Orange	Pink	Purple	Grey
100'	Spool (H)	4	7 lbs.	02616	02617	02622	02619	02620	02621	02618	02623	31021	31022	31023
1000'	Spool (K)	1	19 lbs.	02655	02656	02661	02658	02659	02660	02657	02662	31039	31040	31041

Note: letter in parenthesis designates spool ID, see page 111.

12 Gauge – Stranding 19/25; Nominal OD 0.164

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange	Pink	Purple	Grey
				Red	White	Black	Green	Yellow	Brown	Blue	Orange	Pink	Purple	Grey
100'	Spool (J)	4	11 lbs.	02624	02625	02630	02627	02628	02629	02626	02631	31018	31019	31020
1000'	Reel (A)	1	28 lbs.	02663	02664	02669	02666	02667	02668	02665	02670	31036	31037	31038

Note: letter in parenthesis designates spool ID, see page 111.

10 Gauge – Stranding 19/23; Nominal OD 0.196

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange	Pink	Purple	Grey
				Red	White	Black	Green	Yellow	Brown	Blue	Orange	Pink	Purple	Grey
100'	Spool (J)	4	19 lbs.	02632	02633	02638	02635	02636	02637	02634	—	31015	31016	31017
1000'	Reel (A)	1	42 lbs.	02671	02672	02677	02674	02675	02676	02673	—	31033	31034	31035

Note: letter in parenthesis designates spool ID, see page 111.

STARTER CABLE - RATED 105°C

Stranded
Annealed
Bunched
Copper Core



Color-coded
PVC Insulation

Full-gauge copper conductor wire ideal for connecting a battery to switch, starter, and ground. Tough, high temperature resistant PVC insulation is durable enough to handle heavy-duty automotive demands. Copper stranding is highly conductive maximizing current transfer while remaining flexible for easy installation.

Voltage: Rated at 60 Volts or less

Temperature: Rated -50°C (-58°F) to 105°C (221°F)

Specifications: SAE J1127, SAE J378



Print Legend:

SAE J1127 SGT TYPE2 60V & SAE J378 50V (size) GA 105°C (221°F) DRY

6 Gauge

Stranding 48/22.5
Nominal OD 0.300

Length	Packaging	MC Qty.	Weight		
				Red	Black
25'	Box	1	4 lbs.	04600	04601
100'	Spool (K)	1	15 lbs.	04602	04603
500'	Reel (B)	1	67 lbs.	04604	04605
3500'	Factory Reel (F)	3500'	459 lbs.	14856	14857

Note: letter in parenthesis designates spool ID, see page 111.

4 Gauge

Stranding 70/22.5
Nominal OD 0.360

Length	Packaging	MC Qty.	Weight		
				Red	Black
25'	Box	1	5 lbs.	04606	04607
100'	Spool (K)	1	16 lbs.	04608	04609
500'	Reel (B)	1	92 lbs.	04610	04611
3000'	Factory Reel (F)	3000'	495 lbs.	14858	14859

Note: letter in parenthesis designates spool ID, see page 111.

2 Gauge

Stranding 64/20
Nominal OD 0.430

Length	Packaging	MC Qty.	Weight		
				Red	Black
25'	Box	1	8 lbs.	04612	04613
100'	Reel (A)	1	30 lbs.	04614	04615
500'	Reel (C)	1	142 lbs.	04616	04617
2000'	Factory Reel (F)	2000'	597 lbs.	14860	14861

Note: letter in parenthesis designates spool ID, see page 111.

1 Gauge

Stranding 133/22
Nominal OD 0.490

Length	Packaging	MC Qty.	Weight		
				Red	Black
25'	Box	1	9 lbs.	04618	04619
100'	Reel (A)	1	35 lbs.	04620	04621
500'	Reel (D)	1	167 lbs.	04622	04623
2000'	Factory Reel (F)	2000'	650 lbs.	14862	14863

Note: letter in parenthesis designates spool ID, see page 111.

1/0 GaugeStranding 210/23
Nominal OD 0.550

Length	Packaging	MC Qty.	Weight		
				Red	Black
25'	Box	1	11 lbs.	04624	04625
100'	Reel (A)	1	45 lbs.	04626	04627
500'	Reel (D)	1	217 lbs.	04628	04629
1500'	Factory Reel (F)	1500'	620 lbs.	14864	14865

Note: letter in parenthesis designates spool ID, see page 111.

2/0 GaugeStranding 133/20
Nominal OD 0.605

Length	Packaging	MC Qty.	Weight		
				Red	Black
25'	Box	1	14 lbs.	04630	04631
100'	Reel (B)	1	55 lbs.	04632	04633
500'	Reel (D)	1	265 lbs.	04634	04635
1000'	Factory Reel (F)	1000'	627 lbs.	14866	14867

Note: letter in parenthesis designates spool ID, see page 111.

3/0 GaugeStranding 259/22
Nominal OD 0.670

Length	Packaging	MC Qty.	Weight		
				Red	Black
25'	Box	1	18 lbs.	06455	04636
100'	Reel (B)	1	70 lbs.	06454	04637
500'	Reel (F)	1	342 lbs.	06453	04638
1000'	Factory Reel (F)	1000'	694 lbs.	14928	14868

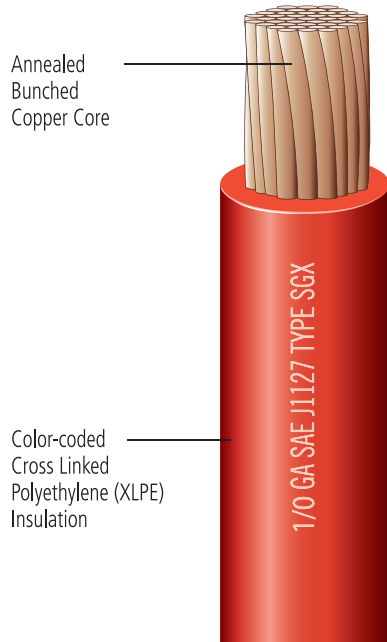
Note: letter in parenthesis designates spool ID, see page 111.

4/0 GaugeStranding 2052/30
Nominal OD 0.706

Length	Packaging	MC Qty.	Weight		
				Red	Black
25'	Box	1	17.5 lbs.	04930	04931
100'	Reel (C)	1	71 lbs.	04932	04933
500'	Factory Reel (F)	1	364 lbs.	04934	04935

Note: letter in parenthesis designates spool ID, see page 111.

SGX CROSS-LINKED POLYETHYLENE CABLE - RATED 125°C



Special-purpose high-temperature (up to 125°C or 257°F) cable. Resistant to abrasion, cracking, moisture, fuels, oils, & damaging solvents. Recommended for connecting battery to switch, starter, and ground on cars, trucks, buses, and other vehicles where a higher durability and heat resistance is required.

Voltage: Rated at 60VDC/25VAC or less

Temperature: Rated -40°C (-40°F) to 125°C (257°F)

Specifications: SAE J1127, Ford ESB-M1L 123A, and Chrysler MS-8288



Print Legend:
(size) GA SAE J1127 TYPE SGX

6 Gauge

Stranding 133/27
Nominal OD 0.315

Length	Packaging	MC Qty.	Weight	Red	Black
				04588	04587
500'	Reel (S)	1	116 lbs.		

Note: letter in parenthesis designates spool ID, see page 111.

4 Gauge

Stranding 133/25
Nominal OD 0.374

Length	Packaging	MC Qty.	Weight	Red	Black
				04590	04589
500'	Reel (U)	1	180 lbs.		

Note: letter in parenthesis designates spool ID, see page 111.

2 Gauge

Stranding 133/24
Nominal OD 0.428

Length	Packaging	MC Qty.	Weight	Red	Black
				04397	—
100'	Reel (A)	1	28 lbs.		
500'	Reel (T)	1	131 lbs.	04398	04591

Note: letter in parenthesis designates spool ID, see page 111.

1/0 Gauge

Stranding 1026/30
Nominal OD 0.523

Length	Packaging	MC Qty.	Weight		
				Red	Black
100'	Reel (A)	1	42 lbs.	04395	—
500'	Reel (W)	1	196 lbs.	04396	05234

Note: letter in parenthesis designates spool ID, see page 111.

2/0 Gauge

Stranding 1254/30
Nominal OD 0.578

Length	Packaging	MC Qty.	Weight		
				Red	Black
100'	Reel (B)	1	53 lbs.	31148	04393
500'	Reel (X)	1	248 lbs.	31149	04394

Note: letter in parenthesis designates spool ID, see page 111.

3/0 Gauge

Stranding 1615/30
Nominal OD 0.654

Length	Packaging	MC Qty.	Weight		
				Red	Black
500'	Reel (X)	1	305 lbs.	04595	04594

Note: letter in parenthesis designates spool ID, see page 111.

4/0 Gauge

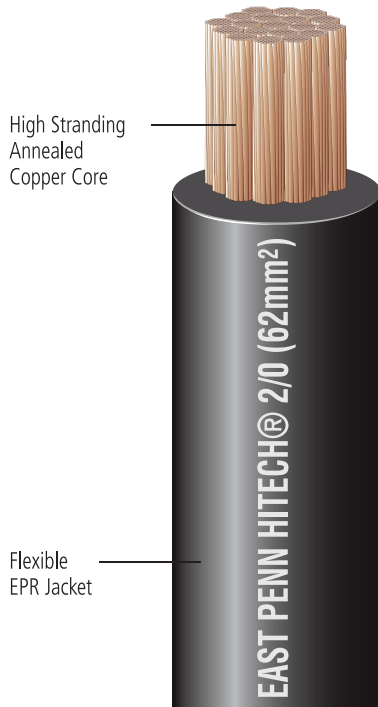
Stranding 2071/30
Nominal OD 0.711

Length	Packaging	MC Qty.	Weight		
				Red	Black
500'	Reel (Y)	1	393 lbs.	05237	—

Note: letter in parenthesis designates spool ID, see page 111.



WELDING CABLE - RATED 105°C



An EPR or Ethylene Propylene Rubber cable that is chemically cross-linked for excellent insulation, dielectric strength, abrasion resistance, and cold-weather flexibility. Great alternative to battery cable for a wider variety of applications due to its weather resistance, durability in heavy-duty use, high voltage rating, and insulating properties. Excellent flexibility in hot and cold temperatures for easier installation and dependable performance.

Voltage: Rated up to 600 Volts

Temperature: Rated -50°C (-58°F) to 105°C (221°F)



Print Legend:

EAST PENN HITECH® (size) (size mm²) WELDING CABLE 600V -50°C (-58°F) TO 105°C (221°F) MADE IN USA

6 (13mm²)

Stranding 259/30
Nominal OD 0.305

Length	Packaging	MC Qty.	Weight		
				Red	Black
100'	Spool (K)	1	12 lbs.	04728	04729
500'	Reel (S)	1	58 lbs.	04730	04731

Note: letter in parenthesis designates spool ID, see page 111.

4 (19mm²)

Stranding 385/30
Nominal OD 0.340

Length	Packaging	MC Qty.	Weight		
				Red	Black
100'	Spool (K)	1	16 lbs.	04700	04701
500'	Reel (U)	1	82 lbs.	04702	04703

Note: letter in parenthesis designates spool ID, see page 111.

2 (32mm²)

Stranding 651/30
Nominal OD 0.420

Length	Packaging	MC Qty.	Weight		
				Red	Black
100'	Spool (A)	1	25 lbs.	04704	04705
500'	Reel (T)	1	126 lbs.	04706	04707

Note: letter in parenthesis designates spool ID, see page 111.

1 (40mm²)Stranding 798/30
Nominal OD 0.490

Length	Packaging	MC Qty.	Weight		
				Red	Black
100'	Reel (A)	1	32 lbs.	04732	04733
500'	Reel (V)	1	161 lbs.	04734	04735

Note: letter in parenthesis designates spool ID, see page 111.

1/0 (50mm²)Stranding 1026/30
Nominal OD 0.525

Length	Packaging	MC Qty.	Weight		
				Red	Black
100'	Reel (A)	1	39 lbs.	04736	04737
500'	Reel (W)	1	194 lbs.	04714	04715

Note: letter in parenthesis designates spool ID, see page 111.

2/0 (62mm²)Stranding 1254/30
Nominal OD 0.570

Length	Packaging	MC Qty.	Weight		
				Red	Black
100'	Reel (B)	1	47 lbs.	04716	04717
500'	Reel (X)	1	237 lbs.	04718	04719

Note: letter in parenthesis designates spool ID, see page 111.

3/0 (81mm²)Stranding 1615/30
Nominal OD 0.635

Length	Packaging	MC Qty.	Weight		
				Red	Black
100'	Reel (B)	1	60 lbs.	04738	04739
500'	Reel (X)	1	301 lbs.	04740	04741

Note: letter in parenthesis designates spool ID, see page 111.

4/0 (103mm²)Stranding 2052/30
Nominal OD 0.695

Length	Packaging	MC Qty.	Weight		
				Red	Black
100'	Reel (C)	1	76 lbs.	04724	04725
500'	Reel (Y)	1	381 lbs.	04726	04727

Note: letter in parenthesis designates spool ID, see page 111.

UL3311 BATTERY CABLE



- Suitable for use as battery cable, welding cable, motor leads, & other DC power applications including the internal wiring of appliances & uninterruptible power supply systems
- Meets MTW / AWM specifications
- Class K, 100% bare copper stranding
- Thermoset EPDM insulation that has excellent abrasion resistance, strippability, flexibility, & dielectric strength
- Certified zero-halogen

Voltage: Rated up to 600 Volts

Temperature: Rated to 90°C (194°F)



Print Legend:

(size) AWG E163982K AWM 3311 90°C or 3279 105°C 600V VW-1 --- LL700972
 CSA CL905 90°C 600V --- RoHS COMPLIANT --- MADE IN USA

4 Gauge

Stranding 420/30
 Nominal OD 0.435

Length	Packaging	MC Qty.	Weight		
				Red	Black
500'	Reel (N)	1	96 lbs.	31000	31001

2 Gauge

Stranding 665/30
 Nominal OD 0.495

Length	Packaging	MC Qty.	Weight		
				Red	Black
500'	Reel (O)	1	141 lbs.	31002	31003

1 Gauge

Stranding 798/30
 Nominal OD 0.490

Length	Packaging	MC Qty.	Weight		
				Red	Black
500'	Reel (Q)	1	182 lbs.	31004	31005

1/0 Gauge

Stranding 1064/30
 Nominal OD 0.607

Length	Packaging	MC Qty.	Weight		
				Red	Black
500'	Reel (Q)	1	216 lbs.	31006	31007

2/0 Gauge

Stranding 1330/30
 Nominal OD 0.652

Length	Packaging	MC Qty.	Weight		
				Red	Black
500'	Reel (Q)	1	267 lbs.	31008	31009

3/0 Gauge

Stranding 1672/30
 Nominal OD 0.712

Length	Packaging	MC Qty.	Weight		
				Red	Black
500'	Reel (R)	1	326 lbs.	31010	31011

4/0 Gauge

Stranding 2109/30
 Nominal OD 0.777

Length	Packaging	MC Qty.	Weight		
				Red	Black
500'	Reel (Z)	1	400 lbs.	31012	31013



UL/CSA SINGLE CONDUCTOR WIRE - RATED 105°C



UL/CSA PVC insulated, single conductor wire with a multi-functional versatile rating for a variety of applications including RV, automotive, truck, trailer, and marine. High voltage tolerance of up to 600 volts for use in multiple applications such as control cabinets, internal appliance wiring, and machine tools. Highly conductive, bare copper stranded wire maximizes current transfer while remaining flexible for easy installation.

Voltage: Rated at 600 Volts

Temperature: Rated -40°C (-40°F) to 105°C (221°F)

Specifications: UL, CSA, MTW, TEW, AWM, 1015/1230/1345

• *Spiral striping of this product is available. Please refer to page 110 for details.*



Print Legend for 18ga and 16ga:

(size) AWG E179352 (UL) MTW OR AWM 1015/1230/1345 600V VW-1 --- CSA LL109117 (size) AWG TEW 105C 600V FT1 OR AWM I/II A/B 105C 600V W75C FT1

Print Legend for 14ga, 12ga and 10ga:

(size) AWG E179352 (UL) MTW OR TW OR AWM 1015/1230/1345 600V VW-1 --- CSA LL109117 (size) AWG TEW 105C 600V FT1 OR AWM I/II A/B 105C 600V W75C FT1

Print Legend for 8ga and 6ga:

(size) AWG E179352 (UL) MTW OR TW OR AWM 1015 600V VW-1 --- CSA LL109117 (size) AWG TEW 105C 600V FT1 OR AWM I/II A/B 105C 600V W75C FT1

18 Gauge
Stranding 16/30
Nominal OD 0.105

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange
100'	Spool (H)	4	5 lbs.	07500	07501	07502	07503	07504	07505	07506	07507
500'	Spool (J)	1	3 lbs.	07508	07509	07510	07511	07512	07513	07514	07515
1000'	Spool (K)	1	11 lbs.	07516	07517	07518	07519	07520	07521	07522	07523
8000'	Factory Reel (C)	8000'	88 lbs.	14752	14753	14754	14755	14756	14757	14758	14759
25000'	Drum (E)	25000'	293 lbs.	14792	14793	14794	14795	14796	14797	14798	14799

Note: letter in parenthesis designates spool ID, see page 111.

16 Gauge
Stranding 26/30
Nominal OD 0.119

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange
100'	Spool (H)	4	6 lbs.	07524	07525	07526	07527	07528	07529	07530	07531
500'	Spool (J)	1	7 lbs.	07532	07533	07534	07535	07536	07537	07538	07539
1000'	Spool (K)	1	14 lbs.	07540	07541	07542	07543	07544	07545	07546	07547
6000'	Factory Reel (C)	6000'	86 lbs.	14760	14761	14762	14763	14764	14765	14766	14767
20000'	Drum (E)	20000'	298 lbs.	14800	14801	14802	14803	14804	14805	14806	14807

Note: letter in parenthesis designates spool ID, see page 111.

UL/CSA SINGLE CONDUCTOR WIRE - RATED 105°C

14 Gauge

Stranding 41/30
Nominal OD 0.132

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange
				Red	White	Black	Green	Yellow	Brown	Blue	Orange
100'	Spool (H)	4	9 lbs.	07548	07549	07550	07551	07552	07553	07554	07555
500'	Spool (J)	1	11 lbs.	07556	07557	07558	07559	07560	07561	07562	07563
1000'	Spool (K)	1	20 lbs.	07564	07565	07566	07567	07568	07569	07570	07571
5000'	Factory Reel (C)	5000'	110 lbs.	14768	14769	14770	14771	14772	14773	14774	14775
15000'	Drum (E)	15000'	318 lbs.	14808	14809	14810	14811	14812	14813	14814	14815

Note: letter in parenthesis designates spool ID, see page 111.

12 Gauge

Stranding 65/30
Nominal OD 0.162

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange
				Red	White	Black	Green	Yellow	Brown	Blue	Orange
100'	Spool (J)	4	12 lbs.	07572	07573	07574	07575	07576	07577	07578	07579
500'	Spool (K)	1	15 lbs.	07580	07581	07582	07583	07584	07585	07586	07587
1000'	Reel (A)	1	31 lbs.	07588	07589	07590	07591	07592	07593	07594	07595
3500'	Factory Reel (C)	3500'	103 lbs.	14776	14777	14778	14779	14780	14781	14782	14783
10000'	Drum (E)	10000'	328 lbs.	14816	14817	14818	14819	14820	14821	14822	14823

Note: letter in parenthesis designates spool ID, see page 111.

10 Gauge

Stranding 104/30
Nominal OD 0.190

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Yellow	Brown	Blue	Orange
				Red	White	Black	Green	Yellow	Brown	Blue	Orange
100'	Spool (J)	4	19 lbs.	07596	07597	07598	07599	07600	07601	07602	07603
500'	Spool (K)	1	22 lbs.	07604	07605	07606	07607	07608	07609	07610	07611
1000'	Reel (A)	1	45 lbs.	07612	07613	07614	07615	07616	07617	07618	07619
3500'	Factory Reel (C)	3500'	155 lbs.	14784	14785	14786	14787	14788	14789	14790	14791
7000'	Drum (E)	7000'	333 lbs.	14824	14825	14826	14827	14828	14829	14830	14831

Note: letter in parenthesis designates spool ID, see page 111.

8 Gauge

Stranding 168/30
Nominal OD 0.270

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Blue
				Red	White	Black	Green	Blue
100'	Spool (J)	1	8 lbs.	07441	07444	07440	07443	07442
500'	Reel (A)	1	41 lbs.	07446	07449	07445	07448	07447
1000'	Reel (B)	1	80 lbs.	07451	07454	07450	07453	07452
2000'	Factory Reel (D)	2000'	156 lbs.	07456	07459	07455	07458	07457

Note: letter in parenthesis designates spool ID, see page 111.

6 Gauge

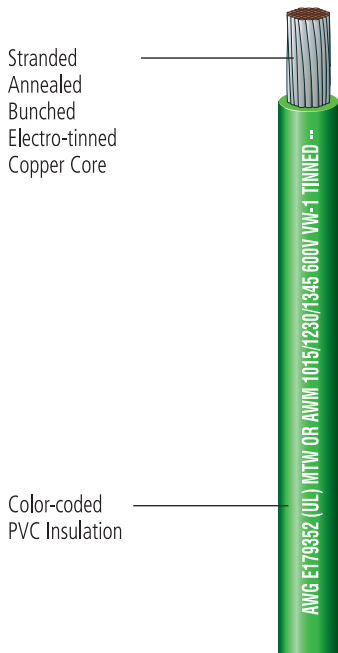
Stranding 259/30
Nominal OD 0.340

Length	Pkg.	MC Qty.	Weight	Red	White	Black	Green	Blue
				Red	White	Black	Green	Blue
100'	Spool (K)	1	12 lbs.	07461	07464	07460	07463	07462
500'	Reel (B)	1	62 lbs.	07466	07469	07465	07468	07467
1000'	Reel (C)	1	123 lbs.	07471	07474	07470	07473	07472
3500'	Factory Reel (F)	3500'	436 lbs.	07476	07479	07475	07478	07477

Note: letter in parenthesis designates spool ID, see page 111.



UL/CSA TINNED SINGLE CONDUCTOR WIRE - RATED 105°C



UL/CSA Listed, single-conductor tinned wire ideal for use in the high corrosive environment of marine applications. Special electro-tinned, copper strands also increase protection against corrosion for recreational vehicles, automotive, trucks, and trailers. Tinned copper stranding is extremely flexible for easy routing through marine applications and easier to solder than bare copper. Flame retardant, PVC insulation is highly resistant to water, oil, grease, gasoline, and other damaging solvents. High voltage tolerance of up to 600 volts adds to versatility to its use in multiple marine and other suitable applications.

Voltage: Rated at 600 Volts

Temperature: Rated -40°C (-40°F) to 105°C (221°F)

Specifications: UL1015, CSA, MTW, TEW, AWM

• *Spiral striping of this product is available. Please refer to page 110 for details.*



Print Legend:

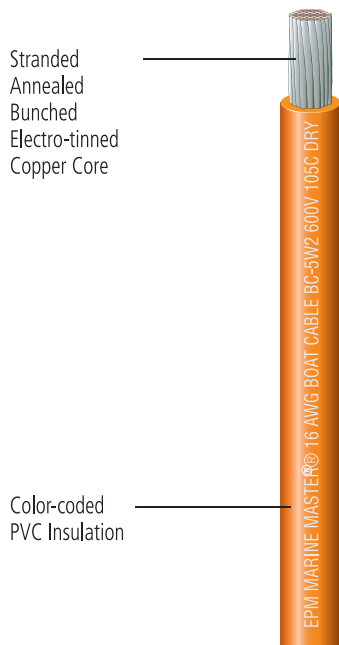
18 AWG E179352 (UL) MTW OR AWM 1015/1230/1345 600V VW-1 TINNED --- CSA LL109117 18 AWG TEW 105C 600V FT1 OR AWM I/II A/B 105C 600V W75C FT1 TINNED

18 Gauge – Stranding 16/30; Nominal OD 0.105

Length	Pkg.	MC Qty.	Weight	Green	Black	White	Red	Yellow	Brown	Blue	Orange	Grey	Purple	Dk Blue	Dk Green	Tan	Pink
100'	Spool (H)	4	5 lbs.	07142	07143	07144	07145	07146	07147	07148	07149	07150	07151	07152	07153	07154	07155
500'	Spool (J)	1	6 lbs.	07156	07157	07158	07159	07160	07161	07162	07163	07164	07165	07166	07167	07168	07169

Note: letter in parenthesis designates spool ID, see page 111.

MARINE MASTER® UL LISTED 1426 AND CSA TEW/AWM TINNED WIRE/CABLE – SINGLE CONDUCTOR



UL/CSA Listed, single-conductor tinned wire is ideal for use in the high corrosive environment of marine applications. Special electro-tinned, copper strands also increase protection against corrosion for recreational vehicles, automotive, trucks, and trailers. Tinned copper stranding is extremely flexible for easy routing through marine applications and easier to solder than bare copper. Flame retardant, PVC insulation is resistant to water, oil, grease, gasoline, and other damaging solvents. High voltage tolerance of up to 600 volts adds to versatility to its use in multiple marine and other suitable applications.

Voltage: Rated at 600 Volts

Temperature: Rated at 105°C (221°F) dry and 75°C (167°F) wet

Specifications: Meets DOT and Coast Guard specs for electrical systems

• *Spiral striping of this product is available. Please refer to page 110 for details.*



Print Legend:

EPM MARINE MASTER® (size) AWG BOAT CABLE BC-5W2 600V 105C DRY 75C WET (UL) ---
 CSA LL109117 (size) AWG TEW 105C 600V FT1 OR AWM I/II A/B 105C 600V W75C FT1

16 Gauge – Stranding 26/30; Nominal OD 0.122

Length	Pkg.	MC Qty.	Weight	Green	Black	White	Red	Yellow	Brown	Blue	Orange	Grey	Purple	Dk Blue	Dk Green	Tan	Pink
20'	Clam Shell	12	4 lbs.	07726	07727	07728	07729	07730	07731	07732	—	—	—	—	—	—	—
100'	Spool (H)	4	6 lbs.	03636	03637	03638	03639	99116	99121	99122	99119	99120	99117	97738	97737	98748	99118
500'	Spool (J)	1	7 lbs.	03640	03641	03642	03643	98684	98722	98721	98724	98723	98720	98060	98059	98719	98718
1000'	Spool (K)	1	16 lbs.	03644	03645	03646	03647	98158	98157	98689	98693	98691	98688	97703	—	98687	98686
6000'	Factory Reel (C)	6000'	86 lbs.	14889	14890	14891	14892	97716	97983	98249	97982	97705	97747	98248	97748	97715	97981

Note: letter in parenthesis designates spool ID, see page 111.



14 Gauge – Stranding 41/30; Nominal OD 0.138

Length	Pkg.	MC Qty.	Weight	Green	Black	White	Red	Yellow	Brown	Blue	Orange	Grey	Purple	Dk Blue	Dk Green	Tan	Pink
15'	Clam Shell	12	4 lbs.	07726	07727	07728	07729	07730	07731	07732	—	—	—	—	—	—	—
100'	Spool (H)	4	8 lbs.	03624	03625	03626	03627	99123	99128	99129	99126	99127	99124	99108	97736	98749	99125
500'	Spool (J)	1	10 lbs.	03628	03629	03630	03631	99107	98729	98728	98731	98730	98727	98281	98101	98726	98725
1000'	Spool (K)	1	20 lbs.	03632	03633	03634	03635	98700	98698	98697	98701	98699	98696	—	—	98695	98694
5000'	Factory Reel (C)	5000'	95 lbs.	14893	14894	14895	14896	97854	97851	97853	97740	97700	97841	97741	97739	97714	97852

Note: letter in parenthesis designates spool ID, see page 111.

12 Gauge – Stranding 65/30; Nominal OD 0.162

Length	Pkg.	MC Qty.	Weight	Green	Black	White	Red	Yellow	Brown	Blue	Orange	Grey	Purple	Dk Blue	Dk Green	Tan	Pink
12'	Clam Shell	12	4 lbs.	07712	07713	07714	07715	07716	07717	07718	—	—	—	—	—	—	—
100'	Spool (J)	4	12 lbs.	03612	03613	03614	03615	99130	98769	99133	99131	99132	98752	97735	97734	98751	98750
500'	Spool (K)	1	15 lbs.	03616	03617	03618	03619	98738	98736	98735	98739	98737	98734	98058	98057	98733	98732
1000'	Reel (A)	1	30 lbs.	03620	03621	03622	03623	98066	98706	98705	98030	98707	98704	—	—	98703	98702
3500'	Factory Reel (C)	3500'	103 lbs.	14897	14898	14899	14900	97704	97698	97692	97649	97690	97650	—	97691	—	—

Note: letter in parenthesis designates spool ID, see page 111.

10 Gauge – Stranding 104/30; Nominal OD 0.190

Length	Pkg.	MC Qty.	Weight	Green	Black	White	Red	Yellow	Brown	Blue	Orange	Grey	Purple	Dk Blue	Dk Green	Tan	Pink
12'	Clam Shell	12	4 lbs.	07699	07706	07707	07708	07709	07710	07711	—	—	—	—	—	—	—
100'	Spool (J)	4	19 lbs.	03600	03601	03602	03603	99134	98757	98756	99135	98758	98755	—	—	98754	98753
500'	Spool (K)	1	21 lbs.	03604	03605	03606	03607	98746	98744	98743	98747	98745	98742	98056	98055	98741	98740
1000'	Reel (A)	1	42 lbs.	03608	03609	03610	03611	98716	98714	98713	98138	98715	98712	—	—	98711	98710
3500'	Factory Reel (C)	3500'	155 lbs.	14901	14902	14903	14904	97733	—	—	97689	—	—	—	—	—	—

Note: letter in parenthesis designates spool ID, see page 111.

MARINE MASTER® UL LISTED 1426 AND CSA TEW/AWM TINNED WIRE/CABLE – SINGLE CONDUCTOR (CONTINUED)

⚠ WARNING: Cancer and Reproductive Harm www.P65Warnings.ca.gov

8 Gauge – Stranding 168/30; Nominal OD 0.270

Length	Pkg.	MC Qty.	Weight	Green	Black	White	Red	Yellow
				Green	Black	White	Red	Yellow
25'	Spool (J)	1	2 lbs.	07697	07696	—	07698	—
100'	Spool (J)	1	8 lbs.	07403	07400	07404	07401	07402
500'	Reel (A)	1	41 lbs.	07408	07405	07409	07406	07407
1000'	Reel (B)	1	80 lbs.	07413	07410	07414	07411	07412
2000'	Factory Reel (D)	2000'	156 lbs.	07418	07415	07419	07416	07417

Note: letter in parenthesis designates spool ID, see page 111.

6 Gauge – Stranding 266/30; Nominal OD 0.340

Length	Pkg.	MC Qty.	Weight	Green	Black	White	Red	Yellow
				Green	Black	White	Red	Yellow
25'	Spool (J)	1	3 lbs.	07693	07692	—	07694	07695
100'	Spool (K)	1	12 lbs.	07423	07420	07424	07421	07422
500'	Reel (B)	1	62 lbs.	07428	07425	07429	07426	07427
1000'	Reel (C)	1	123 lbs.	07433	07430	07434	07431	07432
3500'	Factory Reel (F)	3500'	436 lbs.	07438	07435	07439	07436	07437

Note: letter in parenthesis designates spool ID, see page 111.

4 Gauge – Stranding 420/30; Nominal OD 0.405

Length	Pkg.	MC Qty.	Weight	Green	Black	White	Red	Yellow
				Green	Black	White	Red	Yellow
25'	Spool (J)	1	5 lbs.	—	07691	—	07690	—
100'	Spool (K)	1	20 lbs.	—	04801	—	04800	04812
500'	Reel (B)	1	92 lbs.	—	04803	—	04802	04813
2000'	Factory Reel (F)	2000'	370 lbs.	—	98294	—	98295	—

Note: letter in parenthesis designates spool ID, see page 111.

2 Gauge – Stranding 665/30; Nominal OD 0.475

Length	Pkg.	MC Qty.	Weight	Green	Black	White	Red	Yellow
				Green	Black	White	Red	Yellow
25'	Spool (J)	1	7 lbs.	—	07689	—	07688	—
100'	Reel (A)	1	30 lbs.	—	04805	—	04804	04814
500'	Reel (C)	1	142 lbs.	—	04807	—	04806	04815
2000'	Factory Reel (F)	2000'	570 lbs.	—	98296	—	98297	—

Note: letter in parenthesis designates spool ID, see page 111.

**1 Gauge** – Stranding 836/30; Nominal OD 0.520

Length	Pkg.	MC Qty.	Weight	Green	Black	Red	Yellow
				Green	Black	Red	Yellow
25'	Spool (J)	1	8 lbs.	—	07687	07686	—
100'	Reel (A)	1	36 lbs.	—	04390	04389	04405
500'	Reel (D)	1	172 lbs.	—	04392	04391	04406

Note: letter in parenthesis designates spool ID, see page 111.

1/0 Gauge – Stranding 1064/30; Nominal OD 0.565

Length	Pkg.	MC Qty.	Weight	Green	Black	Red	Yellow
				Green	Black	Red	Yellow
25'	Reel (A)	1	12 lbs.	—	07682	07684	07685
100'	Reel (A)	1	44 lbs.	—	04384	04385	04403
500'	Reel (D)	1	212 lbs.	—	04386	04387	04404

Note: letter in parenthesis designates spool ID, see page 111.

2/0 Gauge – Stranding 1330/30; Nominal OD 0.655

Length	Pkg.	MC Qty.	Weight	Green	Black	Red	Yellow
				Green	Black	Red	Yellow
25'	Reel (A)	1	14 lbs.	—	07679	07680	07681
100'	Reel (B)	1	55 lbs.	—	04809	04808	04816
500'	Reel (D)	1	265 lbs.	—	04811	04810	04817
1000'	Factory Reel (F)	1000'	530 lbs.	—	98298	98299	—

Note: letter in parenthesis designates spool ID, see page 111.

3/0 Gauge – Stranding 1672/30; Nominal OD 0.670

Length	Pkg.	MC Qty.	Weight	Green	Black	Red	Yellow
				Green	Black	Red	Yellow
25'	Reel (A)	1	17 lbs.	—	07676	07678	07677
100'	Reel (B)	1	66 lbs.	—	04381	04380	04401
500'	Reel (F)	1	333 lbs.	—	04383	04382	04402

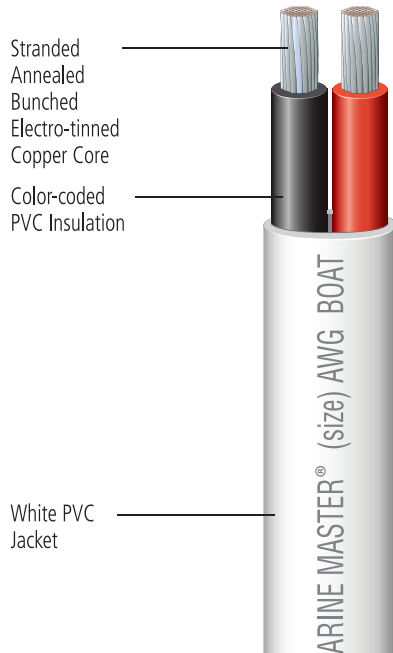
Note: letter in parenthesis designates spool ID, see page 111.

4/0 Gauge – Stranding 2109/30; Nominal OD 0.735

Length	Pkg.	MC Qty.	Weight	Green	Black	Red	Yellow
				Green	Black	Red	Yellow
25'	Reel (A)	1	21 lbs.	—	07673	07675	07674
100'	Reel (C)	1	84 lbs.	—	04376	04377	04399
500'	Reel (F)	1	413 lbs.	—	04378	04379	04400

Note: letter in parenthesis designates spool ID, see page 111.

MARINE MASTER® UL LISTED 1426 AND CSA TEW/AWM TINNED WIRE/CABLE – MULTI CONDUCTOR



UL/CSA Listed, multi-conductor tinned wire with white jacket is ideal for use in the high corrosive environment of marine applications. Special electro-tinned, copper strands also increase protection against corrosion for recreational vehicles, automotive, trucks, and trailers. Tinned copper stranding is extremely flexible for easy routing through marine applications and easier to solder than bare copper. Flame retardant, PVC insulation is highly resistant to water, oil, grease, gasoline, and other damaging solvents. High voltage tolerance of up to 600 volts adds to versatility to its use in multiple marine and other suitable applications.

Voltage: Rated at 600 Volts

Temperature: Rated at 105°C (221°F) dry and 75°C (167°F) wet

Specifications: Meets DOT and Coast Guard specs for electrical systems

• Spiral striping of inner wires of this product is available. Please refer to page 110 for details.



Print Legend 2 conductor:

EPM MARINE MASTER® (size) AWG BOAT CABLE BC-5W2 600V 105C DRY 75C WET (UL) ---
CSA LL109117 TEW 2C/(size)AWG 105C 600V FT1 OR AWM I/II A/B 105C 600V W75C FT1

Print Legend 3 conductor:

EPM MARINE MASTER® (size) AWG BOAT CABLE BC-5W2 600V 105C DRY 75C WET (UL) ---
CSA LL109117 3C/(size)AWG AWM I/II A/B 105C 600V W75C FT1

18/2 Gauge

Stranding 16/30
Nominal OD 0.180 x 0.285

Length	Packaging	MC Qty.	Weight	Red/Black	Yellow/Red
100'	Spool (J)	1	3 lbs.	31058	31062
500'	Spool (A)	1	18 lbs.	31059	31063
1000'	Spool (B)	1	36 lbs.	31060	31064
7000'	Reel (F)	7000'	243 lbs.	31061	97411

Note: letter in parenthesis designates spool ID, see page 111.

16/2 Gauge

Stranding 26/30
Nominal OD 0.195 x 0.320

Length	Packaging	MC Qty.	Weight	Black/White	Red/Black	Yellow/Red
100'	Spool (J)	1	5 lbs.	04509	04536	04533
500'	Reel (B)	1	26 lbs.	04510	04065	04534
1000'	Reel (C)	1	53 lbs.	04511	97743	04535
6000'	Factory Reel (F)	6000'	300 lbs.	14908	97918	97921

Note: letter in parenthesis designates spool ID, see page 111.

14/2 Gauge

Stranding 41/30
Nominal OD 0.211 x 0.352

Length	Packaging	MC Qty.	Weight	Black/White	Red/Black	Yellow/Red
100'	Spool (K)	1	6 lbs.	04506	04537	04530
500'	Reel (B)	1	31 lbs.	04507	04064	04531
1000'	Reel (C)	1	61 lbs.	04508	97744	04532
5000'	Factory Reel (F)	5000'	328 lbs.	14907	97917	97920

Note: letter in parenthesis designates spool ID, see page 111.



12/2 Gauge

Stranding 65/30
Nominal OD 0.235 x 0.394

Length	Packaging	MC Qty.	Weight	Black/White	Red/Black	Yellow/Red
100'	Spool (K)	1	8 lbs.	04503	04538	04527
500'	Reel (B)	1	41 lbs.	04504	04063	04528
1000'	Reel (C)	1	82 lbs.	04505	—	04529
4000'	Factory Reel (F)	4000'	328 lbs.	14906	97916	99277

Note: letter in parenthesis designates spool ID, see page 111.

10/2 Gauge

Stranding 104/30
Nominal OD 0.263 x 0.456

Length	Packaging	MC Qty.	Weight	Black/White	Red/Black	Yellow/Red
100'	Spool (K)	1	11 lbs.	04500	04539	04524
500'	Reel (B)	1	56 lbs.	04501	04062	04525
1000'	Reel (D)	1	112 lbs.	04502	—	04526
2500'	Factory Reel (F)	2500'	318 lbs.	14905	97915	97919

Note: letter in parenthesis designates spool ID, see page 111.

16/3 Gauge

Stranding 26/30
Nominal OD 0.195 x 0.445

Length	Packaging	MC Qty.	Weight	Black/Green/White
100'	Spool (K)	1	7 lbs.	04521
500'	Reel (B)	1	36 lbs.	04522
1000'	Reel (C)	1	72 lbs.	04523
4500'	Factory Reel (F)	4500'	317 lbs.	14912

Note: letter in parenthesis designates spool ID, see page 111.

14/3 Gauge

Stranding 41/30
Nominal OD 0.211 x 0.493

Length	Packaging	MC Qty.	Weight	Black/Green/White
100'	Spool (K)	1	9 lbs.	04518
500'	Reel (B)	1	46 lbs.	04519
1000'	Reel (D)	1	92 lbs.	04520
3500'	Factory Reel (F)	3500'	345 lbs.	14911

Note: letter in parenthesis designates spool ID, see page 111.

12/3 Gauge

Stranding 65/30
Nominal OD 0.235 x 0.565

Length	Packaging	MC Qty.	Weight	Black/Green/White
100'	Spool (K)	1	12 lbs.	04515
500'	Reel (C)	1	61 lbs.	04516
1000'	Reel (D)	1	122 lbs.	04517
3000'	Factory Reel (F)	3000'	370 lbs.	14910

Note: letter in parenthesis designates spool ID, see page 111.

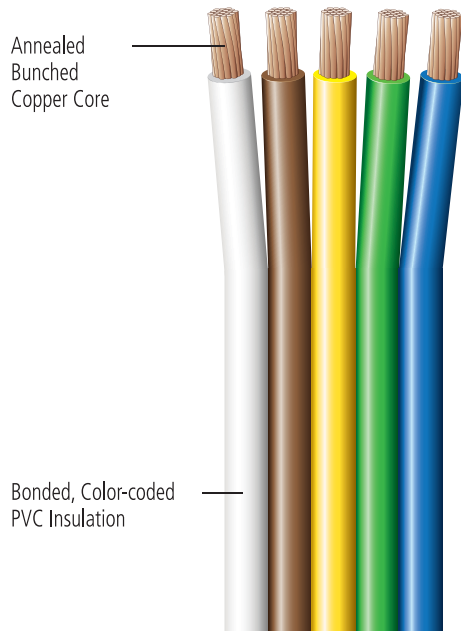
10/3 Gauge

Stranding 104/30
Nominal OD 0.263 x 0.649

Length	Packaging	MC Qty.	Weight	Black/Green/White
100'	Reel (A)	1	19 lbs.	04512
500'	Reel (C)	1	96 lbs.	04513
1000'	Reel (D)	1	192 lbs.	04514
2500'	Factory Reel (F)	2500'	390 lbs.	14909

Note: letter in parenthesis designates spool ID, see page 111.

BONDED PARALLEL WIRE – RATED 80°C



Multiple primary wires parallel bonded with color-coding for identification purposes. Ideal for use in RVs, marine, and utility trailer applications. Built to stay together under the toughest operating conditions yet easy to separate at the end of a run for final terminal connection. All-copper stranded core is highly conductive maximizing current transfer while remaining flexible for easy installation.

Voltage: Rated at 60 Volts or less

Temperature: Rated -40°C (-40°F) to 80°C (176°F)

Specifications: SAE J1128, SAE J378



00907

18/4 Gauge

Stranding 16/30
Nominal OD 0.095 x 0.380

Part #	Length	Packaging	MC Qty.	Weight	Color
07253	30'	Clamshell of 1	5	6 lbs.	White/Brown/Yellow/Green
02924	100'	Spool (J)	1	5 lbs.	White/Brown/Yellow/Green
02925	500'	Reel (A)	1	18 lbs.	White/Brown/Yellow/Green
02926	1000'	Reel (B)	1	29 lbs.	White/Brown/Yellow/Green
14840	8000'	Factory Reel (F)	8000'	350 lbs.	White/Brown/Yellow/Green

Note: letter in parenthesis designates spool ID, see page 111.

18/3 Gauge

Stranding 16/30
Nominal OD 0.095 x 0.285

Part #	Length	Packaging	MC Qty.	Weight	Color
31065	30'	Clam Shell of 1	5	5 lbs.	Brown/Yellow/Green
02921	100'	Spool (J)	1	3 lbs.	Brown/Yellow/Green
02922	500'	Reel (A)	1	13 lbs.	Brown/Yellow/Green
02923	1000'	Reel (B)	1	20 lbs.	Brown/Yellow/Green
14837	12500'	Factory Reel (F)	12500'	350 lbs.	Brown/Yellow/Green

Note: letter in parenthesis designates spool ID, see page 111.

18/3-16/1 Gauge

18 gauge: Stranding 16/30
Nominal OD 0.095 x 0.380

16 gauge: Stranding 19/29
Nominal OD 0.102 x 0.306

Part #	Length	Packaging	MC Qty.	Weight	Color
02941 ¹	30'	Clamshell of 1	5	6 lbs.	White/Brown/Yellow/Green

¹18 ga conductors are brown, yellow and green; 16 ga conductor is white

Note: letter in parenthesis designates spool ID, see page 111.

18/2 Gauge

Stranding 16/30
Nominal OD 0.095 x 0.190

Part #	Length	Packaging	MC Qty.	Weight	Color
02918	100'	Spool (J)	1	2 lbs.	Red/Black
02919	500'	Spool (K)	1	9 lbs.	Red/Black
02920	1000'	Reel (A)	1	14 lbs.	Red/Black
14834	14000'	Factory Reel (F)	14000'	270 lbs.	Red/Black

Note: letter in parenthesis designates spool ID, see page 111.

16/5 Gauge

Stranding 19/29
Nominal OD 0.102 x 0.510

Part #	Length	Packaging	MC Qty.	Weight	Color
02937	100'	Spool (J)	1	6 lbs.	White/Brown/Yellow/Green/Blue
02938	500'	Reel (A)	1	32 lbs.	White/Brown/Yellow/Green/Blue
02939	1000'	Reel (B)	1	61 lbs.	White/Brown/Yellow/Green/Blue
02940	6000'	Factory Reel (F)	6000'	367 lbs.	White/Brown/Yellow/Green/Blue

Note: letter in parenthesis designates spool ID, see page 111.



16/4 Gauge

Stranding 19/29
Nominal OD 0.102 x 0.408

Part #	Length	Packaging	MC Qty.	Weight	Color
00907	25'	Clamshell of 1	5	6 lbs.	White/Brown/Yellow/Green
02915	100'	Spool (J)	1	5 lbs.	White/Brown/Yellow/Green
02916	500'	Reel (A)	1	26 lbs.	White/Brown/Yellow/Green
02917	1000'	Reel (B)	1	46 lbs.	White/Brown/Yellow/Green
14839	8000'	Factory Reel (F)	8000'	390 lbs.	White/Brown/Yellow/Green

Note: letter in parenthesis designates spool ID, see page 111.

16/3 Gauge

Stranding 19/29
Nominal OD 0.102 x 0.306

Part #	Length	Packaging	MC Qty.	Weight	Color
31066	30'	Clam Shell of 1	5	5 lbs.	Brown/Yellow/Green
02912	100'	Spool (J)	1	4 lbs.	Brown/Yellow/Green
02913	500'	Reel (A)	1	18 lbs.	Brown/Yellow/Green
02914	1000'	Reel (B)	1	35 lbs.	Brown/Yellow/Green
14836	10000'	Factory Reel (F)	10000'	370 lbs.	Brown/Yellow/Green

Note: letter in parenthesis designates spool ID, see page 111.

16/2 Gauge

Stranding 19/29
Nominal OD 0.102 x 0.204

Part #	Length	Packaging	MC Qty.	Weight	Color
02927	100'	Spool (J)	1	3 lbs.	Yellow/Brown
02928	500'	Spool (K)	1	9 lbs.	Yellow/Brown
02929	1000'	Reel (A)	1	14 lbs.	Yellow/Brown
98524	12500'	Factory Reel (F)	12500'	309 lbs.	Yellow/Brown
02930	100'	Spool (J)	1	3 lbs.	Green/Brown
02931	500'	Spool (K)	1	9 lbs.	Green/Brown
02932	1000'	Reel (A)	1	14 lbs.	Green/Brown
98232	12500'	Factory Reel (F)	12500'	309 lbs.	Green/Brown
02909	100'	Spool (J)	1	3 lbs.	Red/Black
02910	500'	Spool (K)	1	9 lbs.	Red/Black
02911	1000'	Reel (A)	1	14 lbs.	Red/Black
14833	12500'	Factory Reel (F)	12500'	309 lbs.	Red/Black

Note: letter in parenthesis designates spool ID, see page 111.

14/5 Gauge

Stranding 19/27
Nominal OD 0.117 x 0.585

Part #	Length	Packaging	MC Qty.	Weight	Color
02933	100'	Spool (J)	1	9 lbs.	White/Brown/Yellow/Green/Blue
02934	500'	Reel (B)	1	45 lbs.	White/Brown/Yellow/Green/Blue
02935	1000'	Reel (B)	1	87 lbs.	White/Brown/Yellow/Green/Blue
02936	4500'	Factory Reel (F)	4500'	390 lbs.	White/Brown/Yellow/Green/Blue

Note: letter in parenthesis designates spool ID, see page 111.

14/4 Gauge

Stranding 19/27
Nominal OD 0.117 x 0.468

Part #	Length	Packaging	MC Qty.	Weight	Color
02906	100'	Spool (J)	1	7 lbs.	White/Brown/Yellow/Green
02907	500'	Reel (A)	1	34 lbs.	White/Brown/Yellow/Green
02908	1000'	Reel (B)	1	67 lbs.	White/Brown/Yellow/Green
14838	6500'	Factory Reel (F)	6500'	447 lbs.	White/Brown/Yellow/Green

Note: letter in parenthesis designates spool ID, see page 111.

14/3 Gauge

Stranding 19/27
Nominal OD 0.117 x 0.351

Part #	Length	Packaging	MC Qty.	Weight	Color
02903	100'	Spool (J)	1	5 lbs.	Brown/Yellow/Green
02904	500'	Reel (A)	1	26 lbs.	Brown/Yellow/Green
02905	1000'	Reel (B)	1	52 lbs.	Brown/Yellow/Green
14835	8500'	Factory Reel (F)	8500'	441 lbs.	Brown/Yellow/Green

Note: letter in parenthesis designates spool ID, see page 111.

14/2 Gauge

Stranding 19/27
Nominal OD 0.117 x 0.234

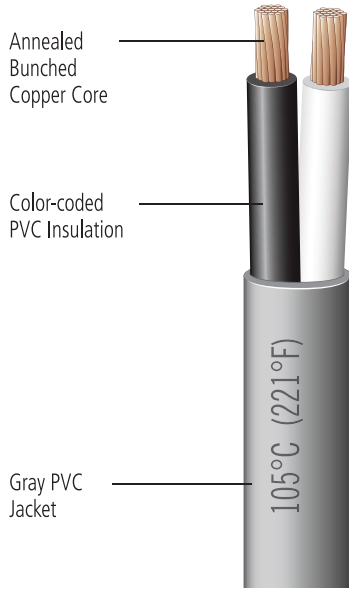
Part #	Length	Packaging	MC Qty.	Weight	Color
02900	100'	Spool (J)	1	4 lbs.	Red/Black
02901	500'	Reel (K)	1	18 lbs.	Red/Black
02902	1000'	Reel (A)	1	34 lbs.	Red/Black
14832	10500'	Factory Reel (F)	10500'	400 lbs.	Red/Black

Note: letter in parenthesis designates spool ID, see page 111.



JACKETED DUPLEX WIRE – RATED 105°C

Two-conductor, general-purpose primary wires covered in a high quality PVC jacket. Ideal for use in truck, bus, tractor, light-duty boats, and general service applications. Heavy-duty compact cable protects insulated conductors against weathering, chemicals, and abrasion. Color-coded conductors enable easy identification.



Voltage: Rated at 60 Volts or less

Temperature: Rated –40°C (–40°F) to 105°C (221°F)

Specifications: Inner wires meet SAE J1128, SAE J378

- *Spiral striping of inner wires of this product is available. Please refer to page 110 for details.*



Print Legend:

105°C (221°F)

18/2 Gauge

Stranding 16/30
Nominal OD 0.155 x 0.250

Part	Jacket	Length	Packaging	MC Qty.	Weight	Conductor Color
03253	Grey	100'	Spool (J)	1	4 lbs.	Black/White
03254	Grey	500'	Reel (A)	1	18 lbs.	Black/White
03255	Grey	1000'	Reel (B)	1	34 lbs.	Black/White
14846	Grey	9000'	Factory Reel (F)	9000'	300 lbs.	Black/White

Note: letter in parenthesis designates spool ID, see page 111.

16/2 Gauge

Stranding 19/29
Nominal OD 0.162 x 0.264

Part	Jacket	Length	Packaging	MC Qty.	Weight	Conductor Color
03200	Grey	100'	Spool (J)	1	4 lbs.	Black/White
03201	Grey	500'	Reel (A)	1	21 lbs.	Black/White
03202	Grey	1000'	Reel (B)	1	45 lbs.	Black/White
14845	Grey	8000'	Factory Reel (F)	8000'	317 lbs.	Black/White
03203	Grey	100'	Spool (J)	1	4 lbs.	Black/Red
03204	Grey	500'	Reel (A)	1	21 lbs.	Black/Red
03205	Grey	1000'	Reel (B)	1	45 lbs.	Black/Red
99234	Grey	8000'	Factory Reel (F)	8000'	317 lbs.	Black/Red

Note: letter in parenthesis designates spool ID, see page 111.

14/2 Gauge
Stranding 19/27
Nominal OD 0.177 x 0.294

Part	Jacket	Length	Packaging	MC Qty.	Weight	Conductor Color
31067	Grey	30'	Clam Shell of 1	5	7 lbs.	Black/White
03206	Grey	100'	Spool (J)	1	5 lbs.	Black/White
03207	Grey	500'	Reel (A)	1	29 lbs.	Black/White
03208	Grey	1000'	Reel (B)	1	60 lbs.	Black/White
14844	Grey	7000'	Factory Reel (F)	7000'	390 lbs.	Black/White
03209	Grey	100'	Spool (J)	1	5 lbs.	Black/Red
03210	Grey	500'	Reel (A)	1	29 lbs.	Black/Red
03211	Grey	1000'	Reel (B)	1	60 lbs.	Black/Red
99987	Grey	7000'	Factory Reel (F)	7000'	390 lbs.	Black/Red
02879 ¹	Grey	1000'	Reel (B)	1	56 lbs.	Black/White
14342 ¹	Grey	7000'	Factory Reel (F)	7000'	360 lbs.	Black/White

¹Nominal OD is .165 x .285
Note: letter in parenthesis designates spool ID, see page 111.

12/2 Gauge
Stranding 19/25
Nominal OD 0.202 x 0.344

Part	Jacket	Length	Packaging	MC Qty.	Weight	Conductor Color
03212	Grey	100'	Spool (K)	1	7 lbs.	Black/White
03213	Grey	500'	Reel (B)	1	40 lbs.	Black/White
03214	Grey	1000'	Reel (C)	1	80 lbs.	Black/White
14843	Grey	5000'	Factory Reel (F)	5000'	382 lbs.	Black/White
03215	Grey	100'	Spool (K)	1	7 lbs.	Black/Red
03216	Grey	500'	Reel (B)	1	40 lbs.	Black/Red
03217	Grey	1000'	Reel (C)	1	80 lbs.	Black/Red
98270	Grey	5000'	Factory Reel (F)	5000'	382 lbs.	Black/Red
03251	Grey	100'	Spool (K)	1	7 lbs.	Black/Blue
03252	Grey	500'	Reel (B)	1	40 lbs.	Black/Blue
99051	Grey	5000'	Factory Reel (F)	5000'	382 lbs.	Black/Blue
03218	Red	100'	Spool (K)	1	7 lbs.	Black/Blue
03219	Red	500'	Reel (B)	1	40 lbs.	Black/Blue
03220	Red	1000'	Reel (C)	1	80 lbs.	Black/Blue
14847	Red	5000'	Factory Reel (F)	5000'	382 lbs.	Black/Blue

Note: letter in parenthesis designates spool ID, see page 111.

10/2 Gauge
Stranding 19/23
Nominal OD 0.234 x 0.408

Part	Jacket	Length	Packaging	MC Qty.	Weight	Conductor Color
03221	Grey	100'	Spool (K)	1	10 lbs.	Black/White
03222	Grey	500'	Reel (B)	1	52 lbs.	Black/White
03223	Grey	1000'	Reel (C)	1	105 lbs.	Black/White
14842	Grey	3500'	Factory Reel (F)	3500'	389 lbs.	Black/White

Note: letter in parenthesis designates spool ID, see page 111.

8/2 Gauge
Stranding 19/21
Nominal OD 0.275 x 0.490

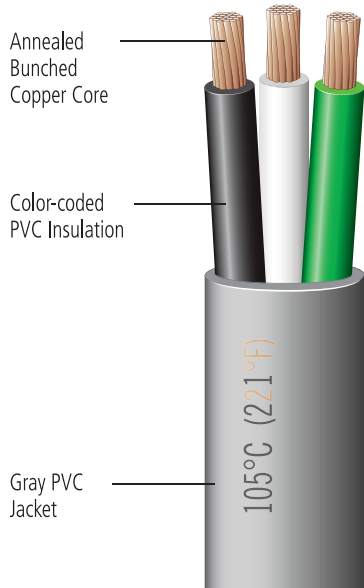
Part	Jacket	Length	Packaging	MC Qty.	Weight	Conductor Color
03224	Grey	100'	Spool (K)	1	16 lbs.	Black/White
03225	Grey	500'	Reel (C)	1	82 lbs.	Black/White
03226	Grey	1000'	Reel (D)	1	180 lbs.	Black/White
14841	Grey	2000'	Factory Reel (F)	2000'	392 lbs.	Black/White

Note: letter in parenthesis designates spool ID, see page 111.



JACKETED TRIPLEX WIRE – RATED 105°C

Three-conductor, general-purpose primary wires covered in a high quality PVC jacket. Ideal for use in truck, bus, tractor, light-duty boats, and general service applications. Heavy-duty compact cable protects insulated conductors against weathering, chemicals, and abrasion. Color-coded conductors enable easy identification.



Voltage: Rated at 60 Volts or less

Temperature: Rated -40°C (-40°F) to 105°C (221°F)

Specifications: Inner wires meet SAE J1128, SAE J378

• *Spiral striping of inner wires of this product is available. Please refer to page 110 for details.*



Print Legend:
105°C (221°F)

16/3 Gauge

Stranding 19/29
 Nominal OD 0.162 x 0.366

Part	Jacket	Length	Packaging	MC Qty.	Weight	Conductor Color
03227	Grey	100'	Spool (J)	1	6 lbs.	Black/Green/White
03228	Grey	500'	Reel (B)	1	32 lbs.	Black/Green/White
03229	Grey	1000'	Reel (C)	1	65 lbs.	Black/Green/White
14851	Grey	5000'	Factory Reel (F)	5000'	300 lbs.	Black/Green/White

Note: letter in parenthesis designates spool ID, see page 111.

14/3 Gauge

Stranding 19/27
 Nominal OD 0.177 x 0.411

Part	Jacket	Length	Packaging	MC Qty.	Weight	Conductor Color
03230	Grey	100'	Spool (K)	1	8 lbs.	Black/Green/White
03231	Grey	500'	Reel (B)	1	40 lbs.	Black/Green/White
03232	Grey	1000'	Reel (C)	1	80 lbs.	Black/Green/White
14850	Grey	4000'	Factory Reel (F)	4000'	321 lbs.	Black/Green/White

Note: letter in parenthesis designates spool ID, see page 111.

12/3 Gauge

Stranding 19/25
 Nominal OD 0.202 x 0.486

Part	Jacket	Length	Packaging	MC Qty.	Weight	Conductor Color
03233	Grey	100'	Spool (K)	1	10 lbs.	Black/Green/White
03234	Grey	500'	Reel (C)	1	52 lbs.	Black/Green/White
03235	Grey	1000'	Reel (D)	1	100 lbs.	Black/Green/White
14849	Grey	3000'	Factory Reel (F)	3000'	346 lbs.	Black/Green/White

Note: letter in parenthesis designates spool ID, see page 111.

10/3 Gauge

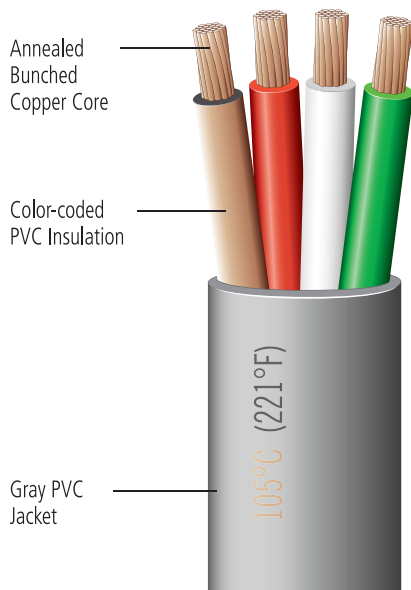
Stranding 19/23
 Nominal OD 0.234 x 0.582

Part	Jacket	Length	Packaging	MC Qty.	Weight	Conductor Color
03236	Grey	100'	Spool (K)	1	15 lbs.	Black/Green/White
03237	Grey	500'	Reel (C)	1	76 lbs.	Black/Green/White
03238	Grey	1000'	Reel (D)	1	153 lbs.	Black/Green/White
14848	Grey	2500'	Factory Reel (F)	2500'	393 lbs.	Black/Green/White

Note: letter in parenthesis designates spool ID, see page 111.

JACKETED QUADRAPLEX WIRE – RATED 105°C

Four-conductor, general-purpose primary wires covered in a high quality PVC jacket. Ideal for use in truck, bus, tractor, light-duty boats, and general service applications. Heavy-duty compact cable protects insulated conductors against weathering, chemicals, and abrasion. Color-coded conductors enable easy identification.



Voltage: Rated at 60 Volts or less

Temperature: Rated -40°C (-40°F) to 105°C (221°F)

Specifications: Inner wires meet SAE J1128, SAE J378

• *Spiral striping of inner wires of this product is available. Please refer to page 110 for details.*



Print Legend:

105°C (221°F)

16/4 Gauge

Stranding 19/29
Nominal OD 0.162 x 0.468

Part	Jacket	Length	Packaging	MC Qty.	Weight	Conductor Color
03239	Grey	100'	Spool (K)	1	7 lbs.	White/Green/Red/Black
03240	Grey	500'	Reel (C)	1	36 lbs.	White/Green/Red/Black
03241	Grey	1000'	Reel (D)	1	72 lbs.	White/Green/Red/Black
14855	Grey	3500'	Factory Reel (F)	3500'	300 lbs.	White/Green/Red/Black

Note: letter in parenthesis designates spool ID, see page 111.

14/4 Gauge

Stranding 19/27
Nominal OD 0.177 x 0.528

Part	Jacket	Length	Packaging	MC Qty.	Weight	Conductor Color
03242	Grey	100'	Spool (K)	1	10 lbs.	White/Green/Red/Black
03243	Grey	500'	Reel (C)	1	50 lbs.	White/Green/Red/Black
03244	Grey	1000'	Reel (D)	1	104 lbs.	White/Green/Red/Black
14854	Grey	3000'	Factory Reel (F)	3000'	310 lbs.	White/Green/Red/Black

Note: letter in parenthesis designates spool ID, see page 111.

12/4 Gauge

Stranding 19/25
Nominal OD 0.202 x 0.628

Part	Jacket	Length	Packaging	MC Qty.	Weight	Conductor Color
03245	Grey	100'	Spool (K)	1	13 lbs.	White/Green/Red/Black
03246	Grey	500'	Reel (C)	1	66 lbs.	White/Green/Red/Black
14853	Grey	2500'	Factory Reel (F)	2500'	390 lbs.	White/Green/Red/Black

Note: letter in parenthesis designates spool ID, see page 111.

10/4 Gauge

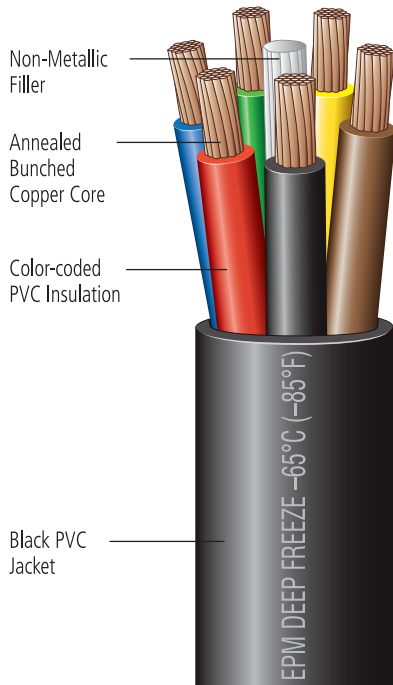
Stranding 19/23
Nominal OD 0.234 x 0.756

Part	Jacket	Length	Packaging	MC Qty.	Weight	Conductor Color
03248	Grey	100'	Reel (A)	1	21 lbs.	White/Green/Red/Black
14852	Grey	2000'	Factory Reel (F)	2000'	424 lbs.	White/Green/Red/Black

Note: letter in parenthesis designates spool ID, see page 111.



TRAILER CABLE WIRE – RATED 80°C



General-purpose primary wires encased in a high quality, PVC jacket. Specially designed for reliability as an integral part of the brake and safety system. Heavy-duty compact cable protects insulated conductors against weathering, chemicals, and abrasion. Color-coded conductors enable easy identification.

Voltage: Rated at 60 Volts or less

Temperature: Rated -65°C (-85°F) to 80°C (176°F)

Specifications: Inner wires meet SAE J1128, SAE J378

- Spiral striping of inner wires of this product is available. Please refer to page 110 for details.



Print Legend:

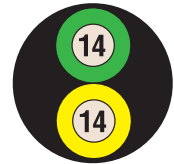
EPM DEEP FREEZE -65°C (-85°F) / 80°C (176°F) MADE IN USA (size) / (# cond)

14/2 Gauge

Stranding 19/27
Nominal OD 0.380

Part #	Length	Packaging	MC Qty.	Weight	Rotation
03674	500'	Reel (B)	1	40 lbs.	Green/Yellow
03675	3000'	Factory Spool (F)	3000'	233 lbs.	Green/Yellow

Note: letter in parenthesis designates spool ID, see page 111.

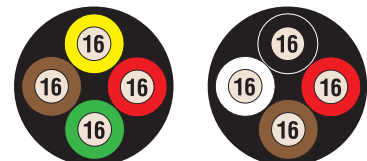


16/4 Gauge

Stranding 19/29
Nominal OD 0.360

Part #	Length	Packaging	MC Qty.	Weight	Rotation
03669	30	Sleeve	4	9 lbs.	Yellow/Red/Green/Brown
04919	100'	Reel (A)	1	12 lbs.	Yellow/Red/Green/Brown
04920	500'	Reel (C)	1	60 lbs.	Yellow/Red/Green/Brown
04900	100'	Reel (A)	1	12 lbs.	Black/Red/Brown/White
04901	500'	Reel (C)	1	60 lbs.	Black/Red/Brown/White
14869	3000'	Factory Reel (F)	3000'	287 lbs.	Black/Red/Brown/White

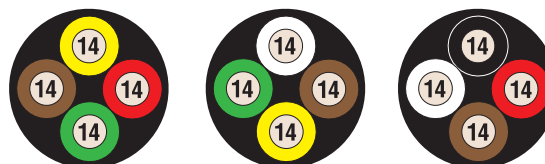
Note: letter in parenthesis designates spool ID, see page 111.



14/4 Gauge
Stranding 19/27
Nominal OD 0.410

Part #	Length	Packaging	MC Qty.	Weight	Rotation
31068	30'	Sleeve	3	11 lbs.	Yellow/Red/Green/Brown
04923	100'	Reel (A)	1	16 lbs.	Yellow/Red/Green/Brown
04924	500'	Reel (C)	1	80 lbs.	Yellow/Red/Green/Brown
99104	2500'	Factory Reel (F)	2500'	343 lbs.	Yellow/Red/Green/Brown
04928	100'	Reel (A)	1	16 lbs.	White/Brown/Yellow/Green
04929	500'	Reel (C)	1	80 lbs.	White/Brown/Yellow/Green
98224	2500'	Factory Reel (F)	2500'	343 lbs.	White/Brown/Yellow/Green
04904	100'	Reel (A)	1	16 lbs.	Black/Red/Brown/White
04905	500'	Reel (C)	1	80 lbs.	Black/Red/Brown/White
14871	2500'	Factory Reel (F)	2500'	343 lbs.	Black/Red/Brown/White

Note: letter in parenthesis designates spool ID, see page 111.



12/4 Gauge
Stranding 19/25
Nominal OD 0.465

Part #	Length	Packaging	MC Qty.	Weight	Rotation
04910	100'	Reel (A)	1	20 lbs.	Black/Red/Brown/White
04911	500'	Reel (C)	1	100 lbs.	Black/Red/Brown/White
14874	2000'	Factory Reel (F)	2000'	370 lbs.	Black/Red/Brown/White

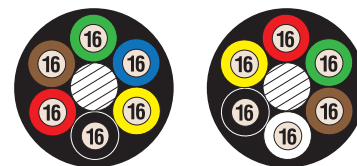
Note: letter in parenthesis designates spool ID, see page 111.



16/6 Gauge
Stranding 19/29
Nominal OD 0.425

Part #	Length	Packaging	MC Qty.	Weight	Rotation
31070	30'	Sleeve	3	11	Red/Grn/Brn/Wht/Blk/Yel
04921	100'	Reel (A)	1	20 lbs.	Grn/Blu/Yel/Blk/Red/Brn
04922	500'	Reel (C)	1	100 lbs.	Grn/Blu/Yel/Blk/Red/Brn
97606	2500'	Factory Reel (F)	2500'	322 lbs.	Grn/Blu/Yel/Blk/Red/Brn
04902	100'	Reel (A)	1	20 lbs.	Red/Grn/Brn/Wht/Blk/Yel
04903	500'	Reel (C)	1	100 lbs.	Red/Grn/Brn/Wht/Blk/Yel
14870	2500'	Factory Reel (F)	2500'	322 lbs.	Red/Grn/Brn/Wht/Blk/Yel

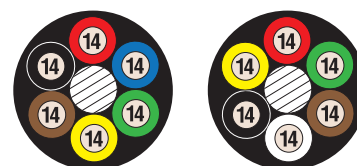
Note: letter in parenthesis designates spool ID, see page 111.



14/6 Gauge
Stranding 19/27
Nominal OD 0.500

Part #	Length	Packaging	MC Qty.	Weight	Rotation
31069	30'	Sleeve	3	15 lbs.	Red/Grn/Brn/Wht/Blk/Yel
04925	100'	Reel (A)	1	22 lbs.	Red/Blu/Grn/Yel/Brn/Blk
04926	500'	Reel (C)	1	110 lbs.	Red/Blu/Grn/Yel/Brn/Blk
98206	2000'	Factory Reel (F)	2000'	354 lbs.	Red/Blu/Grn/Yel/Brn/Blk
04906	100'	Reel (A)	1	22 lbs.	Red/Grn/Brn/Wht/Blk/Yel
04907	500'	Reel (C)	1	110 lbs.	Red/Grn/Brn/Wht/Blk/Yel
14872	2000'	Factory Reel (F)	2000'	354 lbs.	Red/Grn/Brn/Wht/Blk/Yel

Note: letter in parenthesis designates spool ID, see page 111.



TRAILER CABLE WIRE (CONTINUED)

12/6 Gauge

Stranding 19/25
Nominal OD 0.575

Part #	Length	Packaging	MC Qty.	Weight	Rotation
04912	100'	Reel (A)	1	26 lbs.	Red/Grn/Brn/Wht/Blk/Yel
04913	500'	Reel (D)	1	130 lbs.	Red/Grn/Brn/Wht/Blk/Yel
14875	1500'	Factory Reel (F)	1500'	627 lbs.	Red/Grn/Brn/Wht/Blk/Yel

Note: letter in parenthesis designates spool ID, see page 111.



14/7 Gauge

Stranding 19/27
Nominal OD 0.500

Part #	Length	Packaging	MC Qty.	Weight	Rotation
03670	30'	Sleeve	3	9 lbs.	Red/Grn/Brn/Wht/Blk/Yel/Blu
04908	100'	Reel (A)	1	35 lbs.	Red/Grn/Brn/Wht/Blk/Yel/Blu
04909	500'	Reel (D)	1	175 lbs.	Red/Grn/Brn/Wht/Blk/Yel/Blu
14873	2000'	Factory Reel (F)	2000'	390 lbs.	Red/Grn/Brn/Wht/Blk/Yel/Blu

Note: letter in parenthesis designates spool ID, see page 111.



14/6-12/1 Gauge

Stranding 19/27-19/25
Nominal OD 0.520

Part #	Length	Packaging	MC Qty.	Weight	Rotation
98043	100'	Reel (A)	1	35 lbs.	Wht/Brn/DkGrn/Red/Yel/Blk/Blu
98044	500'	Reel (D)	1	175 lbs.	Wht/Brn/DkGrn/Red/Yel/Blk/Blu
98605	1500'	Factory Reel (F)	1500'	438 lbs.	Wht/Brn/DkGrn/Red/Yel/Blk/Blu

Note: letter in parenthesis designates spool ID, see page 111.



12/6-10/1 Gauge

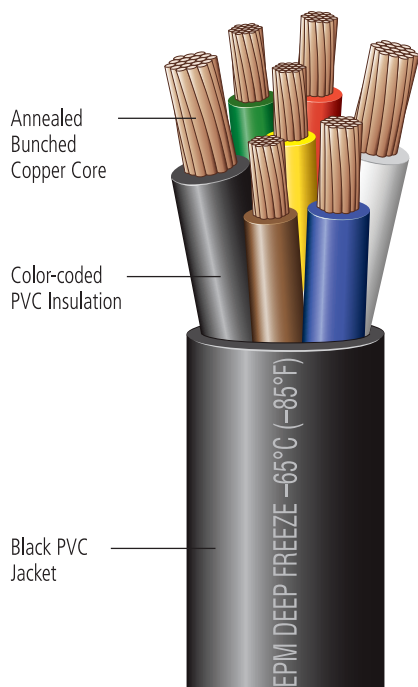
Stranding 19/25-19/23
Nominal OD 0.600

Part #	Length	Packaging	MC Qty.	Weight	Rotation
04914	100'	Reel (B)	1	31 lbs.	Wht/Blk/Yel/Red/Grn/Brn/Blu
99990	250'	Reel (C)	1	77 lbs.	Wht/Blk/Yel/Red/Grn/Brn/Blu
04927	500'	Reel (D)	1	175 lbs.	Wht/Blk/Yel/Red/Grn/Brn/Blu
14876	1000'	Factory Reel (F)	1000'	350 lbs.	Wht/Blk/Yel/Red/Grn/Brn/Blu

Note: letter in parenthesis designates spool ID, see page 111.



RV CABLE WIRE – RATED 80°C



General-purpose primary wires encased in a high quality, PVC jacket. Specially designed for use in Recreational Vehicle's multiple electrical system connections. Heavy-duty compact cable protects insulated conductors against weathering, chemicals, and abrasion. Color-coded conductors enable easy identification.

Voltage: Rated at 60 Volts or less

Temperature: Rated -65°C (-85°F) to 80°C (176°F)

Specifications: Inner wires meet SAE J1128, SAE J378

• *Spiral striping of inner wires of this product is available. Please refer to page 110 for details.*



Print Legend:

EPM DEEP FREEZE -65°C (-85°F) / 80°C (176°F) MADE IN USA 14/4-12/1-10/2

14/4-12/1-10/2

Gauge

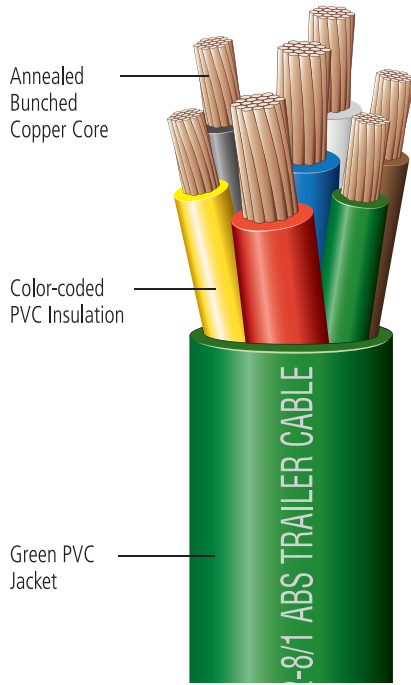
Stranding
19/27-19/25-19/23
Nominal OD 0.560

Part #	Length	Packaging	MC Qty.	Weight	Rotation
04669	30'	Sleeve	2	15 lbs.	DkBlu/Brn/Blk/DkGrn/Red/Wht/Yel
04915	100'	Reel (A)	1	27 lbs.	DkBlu/Brn/Blk/DkGrn/Red/Wht/Yel
04916	500'	Reel (D)	1	190 lbs.	DkBlu/Brn/Blk/DkGrn/Red/Wht/Yel
14877	1500'	Factory Reel (F)	1500'	430 lbs.	DkBlu/Brn/Blk/DkGrn/Red/Wht/Yel

Note: letter in parenthesis designates spool ID, see page 111.



ABS TRAILER CABLE WIRE – RATED 80°C



General-purpose primary wires encased in high quality green PVC jacket. Specially designed for durable use meeting the demands of anti-lock braking systems. Consists of 8 gauge ground wires, two 10 gauge stop-lamp, constant power circuit wires, and four circuit wires for power other lamps. All-copper stranded core is highly conductive maximizing current transfer while remaining flexible for easy installation. Heavy-duty compact cable protects insulated conductors against weathering, chemicals, and abrasion. Color-coded conductors enable easy identification.

Voltage: Rated at 60 Volts or less

Temperature: Rated -50°C (-58°F) to 80°C (176°F)

Specifications: Inner wires meet SAE J1128, SAE J378, SAE J2394

- *Spiral striping of inner wires of this product is available. Please refer to page 110 for details.*



Print Legend:

EPM SAE J2394 (2/13) TYPE F 12/4-10/2-8/1 ABS TRAILER CABLE -55°C (-67°F) / 80°C (176°F) MADE IN USA

12/4-10/2-8/1 Gauge

Stranding

65/30-105/30-168/30
Nominal OD 0.690

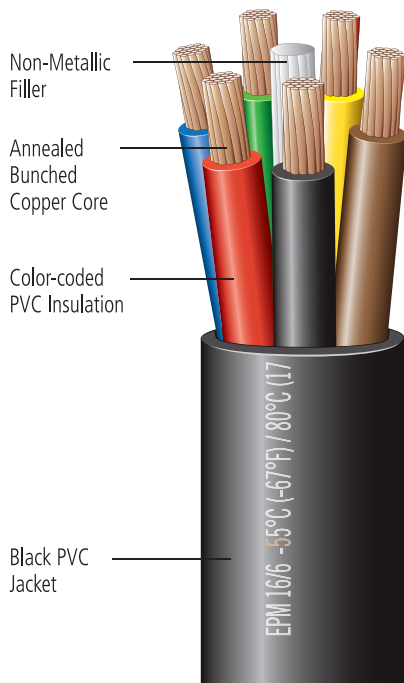
Green Jacket

Part #	Length	Packaging	MC Qty.	Weight	Rotation
04917	100'	Reel (B)	1	43 lbs.	Wht/Brn/DkGrn/Red/Yel/Blk/Blu
04918	500'	Reel (F)	1	220 lbs.	Wht/Brn/DkGrn/Red/Yel/Blk/Blu
14878	1000'	Factory Reel (F)	1000	417 lbs.	Wht/Brn/DkGrn/Red/Yel/Blk/Blu

Note: letter in parenthesis designates spool ID, see page 111.



SLEEVED TRAILER CABLE WIRE – RATED 80°C



General-purpose primary wires covered in a high quality, PVC jacket. Specially designed for reliability as an integral part of the brake and safety system. Heavy-duty compact cable protects insulated conductors against weathering, chemicals, and abrasion. Color-coded conductors enable easy identification.

Voltage: Rated at 60 Volts or less

Temperature: Rated -55°C (-67°F) to 80°C (176°F)

Specifications: Inner wires meet SAE J1128, SAE J378

- *Spiral striping of inner wires of this product is available. Please refer to page 110 for details.*



Print Legend:

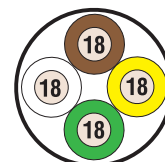
EPM (size) / (# cond) -55°C (-67°F) / 80°C (176°F) MADE IN USA

18/4 Gauge

Stranding 16/30
Nominal OD 0.320

Part #	Length	Packaging	MC Qty.	Weight	Rotation
97652	4000'	Factory Reel (F)	4000'	219 lbs.	Brown/Yellow/Green/White

Note: letter in parenthesis designates spool ID, see page 111.



14/6 Gauge

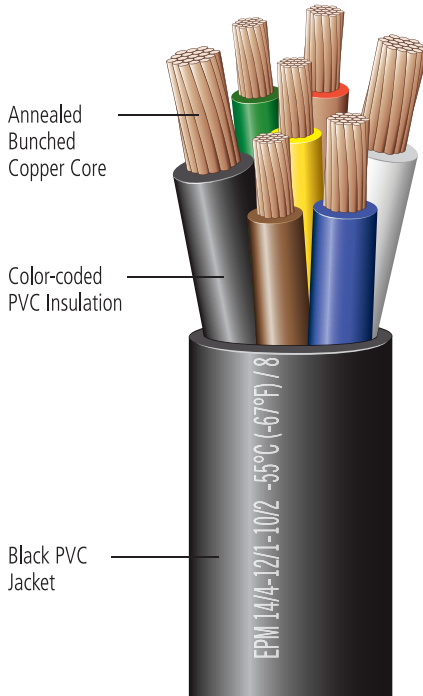
Stranding 19/27
Nominal OD 0.440

Part #	Length	Packaging	MC Qty.	Weight	Rotation
97591	2000'	Factory Reel (F)	2000'	297 lbs.	Grn/Blu/Red/Blk/Brn/Yel

Note: letter in parenthesis designates spool ID, see page 111.



SLEEVED RV CABLE WIRE – RATED 80°C



General-purpose primary wires covered in high quality, PVC jacket. Specially designed for use in Recreational Vehicle's multiple electrical system connections. Heavy-duty compact cable protects insulated conductors against weathering, chemicals, and abrasion. Color-coded conductors enable easy identification.

Voltage: Rated at 60 Volts or less

Temperature: Rated -55°C (-67°F) to 80°C (176°F)

Specifications: Inner wires meet SAE J1128, SAE J378

- *Spiral striping of inner wires of this product is available. Please refer to page 110 for details.*



Print Legend:

EPM 14/4-12/1-10/2 -55°C (-67°F) / 80°C (176°F) MADE IN USA

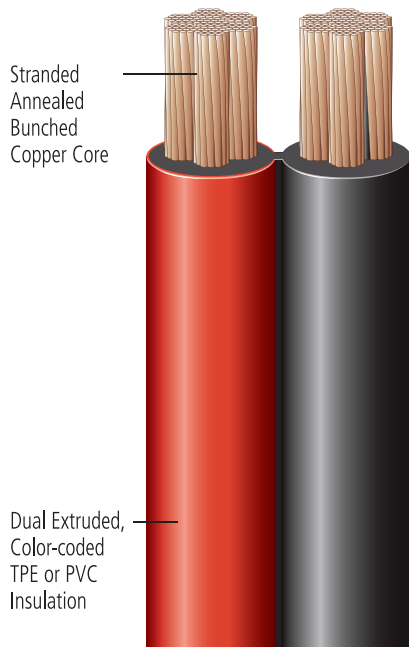
14/4-12/1-10/2
Gauge
 Stranding
 19/27-19/25-19/23
 Nominal OD 0.560

Part #	Length	Packaging	MC Qty.	Weight	Rotation
97526	1500'	Factory Reel (F)	1500'	383 lbs.	DkBlu/Brn/Blk/DkGrn/Red/Wht/Yel

Note: letter in parenthesis designates spool ID, see page 111.



DUAL BOOSTER CABLE WIRE



2, 4, 6, and 8 gauge booster cable wire with highly conductive, 100% copper stranding to maximize current transfer. TPE insulation on 2-gauge and PVC insulation on 4, 6, & 8 provides a durable barrier to protect against weathering, chemicals, and abrasion. Tangle-free cables are color-coded for easy polarity identification.

Voltage: Rated at 60 Volts or less

Temperature: TPE rated -40°C (-40°F) to 105°C (221°F); PVC rated -40°C (-40°F) to 80°C (176°F)

Specifications: 2,4,6 gauge meets SAE J1127; 8 gauge meets SAE J1128



2 Gauge

2 Conductor
TPE Insulated
Stranding 259/26
Nominal OD 0.450 x 0.960

Part #	Length	Packaging	MC Qty.	Weight	Color
01255	50'	Reel (A)	1	29 lbs.	Red/Black
01256	100'	Reel (B)	1	56 lbs.	Red/Black
01257	500'	Reel (D)	1	271 lbs.	Red/Black
14913	1000'	Factory Reel (F)	1000'	560 lbs.	Red/Black

Note: letter in parenthesis designates spool ID, see page 111.

4 Gauge

2 Conductor
PVC Insulated
Stranding 133/25
Nominal OD 0.410 x 0.880

Part #	Length	Packaging	MC Qty.	Weight	Color
01258	50'	Reel (A)	1	21 lbs.	Black/White
01259	100'	Reel (B)	1	41 lbs.	Black/White
01265	500'	Reel (D)	1	196 lbs.	Black/White
14914	1000'	Factory Reel (F)	1000'	413 lbs.	Black/White
04577	50'	Reel (A)	1	21 lbs.	Red/Black
04578	100'	Reel (B)	1	41 lbs.	Red/Black
01266	500'	Reel (D)	1	196 lbs.	Red/Black
07312	1000'	Factory Reel (F)	1000'	413 lbs.	Red/Black

Note: letter in parenthesis designates spool ID, see page 111.

6 Gauge

2 Conductor
PVC Insulated
Stranding 133/27
Nominal OD 0.360 x 0.780

Part #	Length	Packaging	MC Qty.	Weight	Color
01267	50'	Reel (A)	1	15 lbs.	Black/Orange
01268	100'	Reel (A)	1	29 lbs.	Black/Orange
14915	1200'	Factory Reel (F)	1200'	336 lbs.	Black/Orange

Note: letter in parenthesis designates spool ID, see page 111.

8 Gauge

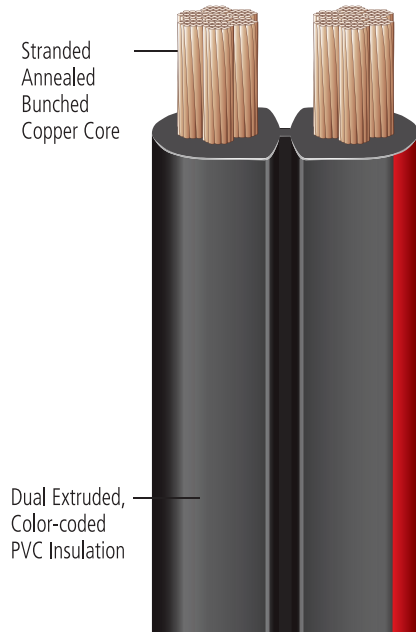
2 Conductor
PVC Insulated
Stranding 30/23
Nominal OD 0.320 x 0.700

Part #	Length	Packaging	MC Qty.	Weight	Color
01269	100'	Reel (A)	1	19 lbs.	Black/Yellow
14916	1500'	Factory Reel (F)	1500'	275 lbs.	Black/Yellow

Note: letter in parenthesis designates spool ID, see page 111.



D-SHAPED DUAL BOOSTER CABLE WIRE



D-Shaped 6 and 8 gauge booster cable wire has highly conductive, 100% copper stranding to maximize current transfer. Perfect for use when a 2-conductor wire is needed in heavy-duty applications. PVC insulation provides a durable barrier to protect against weathering, chemicals, and abrasion. Wire includes a color-coded stripe for easy polarity identification.

Voltage: Rated at 60 Volts or less

Temperature: Rated -40°C (-40°F) to 80°C (176°F)

Specifications: 6 gauge meets SAE J1127;
8 gauge meets SAE J1128



6 Gauge

2 Conductor
PVC Insulated

Stranding 259/30

Nominal OD 0.320 x 0.660

Part #	Length	Packaging	MC Qty.	Weight	Color
07288	500'	Reel (D)	1	132 lbs.	Black w/Red Stripe
07287	1800'	Factory Reel (F)	1800'	483 lbs.	Black w/Red Stripe

Note: letter in parenthesis designates spool ID, see page 111.

8 Gauge

2 Conductor
PVC Insulated

Stranding 30/23

Nominal OD 0.280 x 0.560

Length	Packaging	MC Qty.	Weight	Part #	Color
07290	500'	Reel (D)	1	84 lbs.	Black w/Yellow Stripe
07289	1000'	Factory Reel (G)	1000'	177 lbs.	Black w/Yellow Stripe

Note: letter in parenthesis designates spool ID, see page 111.



MARINE MASTER[®]

MASTER



Wire, Cable, and
Battery Accessories

MARINE PRODUCT CATALOG 2018/2019



MARINE MASTER® BATTERY BOXES

- Polypropylene boxes protect battery in marine and commercial applications
- Vented for safety
- Includes all hardware for installation
- New snap lid for secure fit

Part #	Group Size	Outside Dimensions (LxWxH)	Inside Dimensions (LxWxH)	Packaging	Master Carton	
					Quantity	Weight
03009	Marine 24	14-5/16" x 9-3/4" x 10-3/4"	10-5/8" x 7-3/16" x 9-3/4"	Bulk	12	24 lbs.
03189	Marine 27/31 ¹	17" x 9-3/4" x 11"	13-1/2" x 7-1/8" x 10"	Bulk	6	15 lbs.

¹Includes spacer



03009

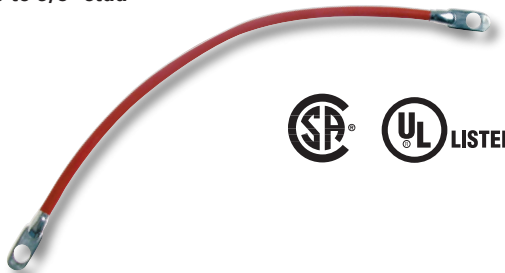


03189

MARINE MASTER® TINNED SWITCH-TO-STARTER CABLES

- Tinned copper conductor for maximum corrosion protection
- Wire is UL1426 and CSA TEW/AWM
- Tin-plated copper lug
- Packaged 1 per clamshell

Fits up to 3/8" stud

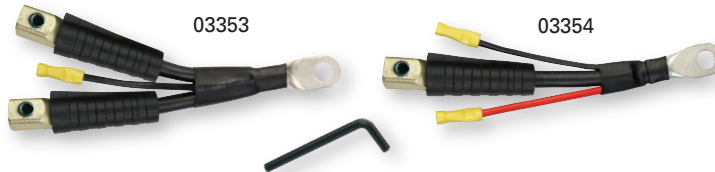


Part #	Color	Length	Master Carton	
			Quantity	Weight
4 GAUGE				
03394	Black	24"	5	2 lbs.
03395	Red	24"	5	2 lbs.
03396	Black	36"	5	3 lbs.
03397	Red	36"	5	3 lbs.
2 GAUGE				
03398	Black	48"	5	4 lbs.
03399	Red	48"	5	4 lbs.
03400	Black	60"	5	5 lbs.
03401	Red	60"	5	5 lbs.
03402	Black	72"	5	6 lbs.
03403	Red	72"	5	6 lbs.

QUICK CONNECT™ BATTERY HARNESS REPAIR SPLICE

- For fast convenient replacement of hard to reach cables
- Replaces corroded portion, not the entire cable
- Ideal for marine applications
- Tin-plated copper lug
- Includes hex wrench
- Packaged 1 per clamshell

Part #	Color	Gauge	Type	Aux. Wire Gauge/Color	Master Carton	
					Quantity	Weight
03353	Black	4	Lug-Dual	12/Blk	5	4 lbs.
03354	Black	4	Lug	12/Blk, 10/Red	5	3 lbs.



EPOXY-COATED WING NUT TERMINALS

- Clamp-type wing nut terminals convert standard post to marine or other special uses
- Brass plated wing nut
- Epoxy coating aids in polarity identification and corrosion resistance



Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
03358	1 Pos/1 Neg	Clam Shell of 2	10	8 lbs.

Positive terminal stud size is 3/8"
Negative terminal stud size is 5/16"

WING NUT TERMINALS

- Clamp type wing nut terminals convert standard post to marine or other special uses
- Brass plated wing nut

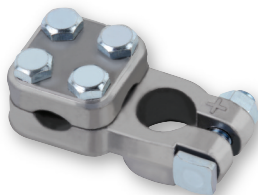


Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
03355	1 Pos/1 Neg	Clam Shell of 2	10	8 lbs.
03356	Universal	Card of 10	10	36 lbs.

Positive terminal stud size is 3/8"
Negative and universal terminal stud size is 5/16"

3-WAY TOP POST COMMERCIAL TERMINAL

- Fits 2 to 4/0 gauge cables



Part #	Polarity	Packaging	Master Carton	
			Quantity	Weight
03359	1 Pos/1 Neg	Clam Shell of 2	10	14 lbs.

MULTI-ACCESSORY TERMINALS

- Perfect for installing on-board chargers, GPS, fish finders, radios, & other fused accessories
- Each terminal includes (2) 14-16ga. & (2) 10-12ga. wire crimp terminals
- Positive (red) terminal fits 3/8" battery stud; negative (black) terminal fits 5/16" battery stud
- Brass plate & stainless steel screws resist corrosion in any marine environment



Part #	Color	Packaging	Master Carton	
			Quantity	Weight
31014	Red/Black	Clam Shell of 2	12	5 lbs.

MARINE HEX NUTS

- Stainless steel
- 5/16-18 UNC hex nut



Part #	Packaging	Master Carton	
		Quantity	Weight
05519	Bag of 50	1	1 lb.

WING NUTS

- For threaded stud connections
- Stainless steel



Part #	Packaging	Master Carton	
		Quantity	Weight
03357 ¹	Clam Shell of 3	10	1 lb.

¹ One 3/8" and two 5/16" wing nuts
² 5/16" wing nuts only

MARINE BATTERY PROTECTION KIT

Kit Includes:

- Terminal protectors
- Battery cleaner brush
- One 3/8" and two 5/16" stainless steel wing nuts
- 3/4 oz. can terminal protection spray
- 1 1/8 oz. can cleaner spray
- Hand cleaning towelette



Part #	Packaging	Master Carton	
		Quantity	Weight
04752	Clam Shell Kit	6	1 lb.

2-IN-1 12V AUTO POWER ALERT AND USB CHARGER

- Plug into accessory outlet to constantly monitor your power system.
- Recharge your USB devices (smartphone, cameras, and much more) while on the go.
- Input: 12V DC / Output: 5V 400mA



Part #	Packaging	Master Carton	
		Quantity	Weight
03393	Clam Shell of 1	6	2 lbs.

Dimensions L x W x H: 2-1/2" x 2-1/4" x 13/16"

SELF-FUSING AUTO TAPE

- Provides a moisture tight seal
- Insulates to protect wires and splices
- Ideal for high temperature applications
- Completely cures within 24 hours



Part #	Length	Color	Packaging	Master Carton	
				Quantity	Weight
03422	10'	Black	Clam Shell of 1	4	1 lb.
03423	10'	Red	Clam Shell of 1	4	1 lb.

BATTERY BOX STRAP



Part #	Color	Packaging	Master Carton	
			Quantity	Weight
03392	Black	Clam Shell of 1	10	1 lb.

UNIVERSAL BATTERY TRAYS

- Made with durable rust and corrosion resistant polypropylene
- Includes strap, 4 screws and instructions



Part #	Group Size	Dimensions	Packaging	Master Carton	
				Quantity	Weight
03363	24	11-1/2" x 8-1/2"	Bag of 1	10	6 lbs.
03364	27/31	14" x 7-7/8"	Bag of 1	10	8 lbs.



10-16 Gauge Wire Colors:



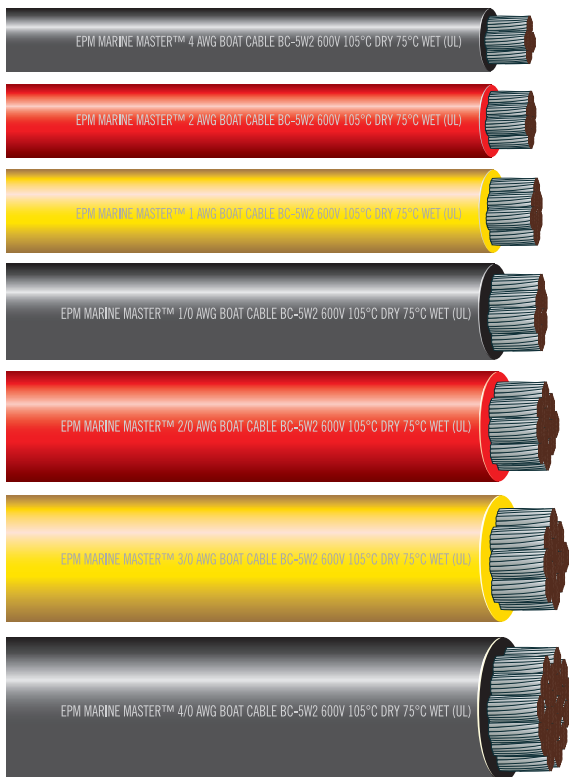
Available on 100', 500', 1000' spools and factory reels.



6-8 Gauge Wire Colors:



Available on 100', 500', 1000' spools and factory reels.



4-4/0 Gauge Cable Colors:



4, 2, and 2/0 available on 100', 500' spools and factory reels.
1, 1/0, 3/0 and 4/0 available on 100', 500' spools.

UL LISTED 1426 MARINE MASTER® AND CSA TEW/AWM SINGLE- AND MULTI-CONDUCTOR TINNED WIRE/CABLE

UL Listed, single-/multi-conductor tinned wire ideal for use in the high corrosive environment of marine applications. Special electro-tinned, copper strands also increase protection against corrosion for recreational vehicles, automotive, trucks, and trailers. Tinned copper stranding is extremely flexible for easy routing through marine applications and easier to solder than bare copper. Flame retardant, PVC insulation is highly resistant to water, oil, grease, gasoline, and other damaging solvents. High voltage tolerance of up to 600 volts adds to versatility to its use in multiple marine and other suitable applications.

Voltage: Rated at 600 Volts

Temperature: Rated at 105°C (221°F) dry and 75°C (167°F) wet

Specifications: Meets UL 1426 specifications for compliance with ABYC, NMMA, DOT, & Coast Guard requirements; Meets CSA TEW & AWM specifications



16/2, 14/2, 12/2 and 10/2 Gauge 2-Conductor Wire available in Black/White, Red/Black, or Yellow/Red.



Available on 100', 500', 1000' spools and factory reels.

16/3, 14/3, 12/3 and 10/3 Gauge 3-Conductor Wire available in Black/White/Green.



Available on 100', 500', 1000' spools and factory reels.



WHY BUY DURACELL?

Our customized battery solutions increase your productivity, reduce your labor costs, and protect your important battery powered devices.

THE DURACELL DIFFERENCE

- + **PERFORMANCE:** Duracell batteries are engineered to provide reliable, long lasting power to your devices, and reduce the frequency and cost of replacing batteries.
- + **PERFORMANCE GUARANTEE:** All of our batteries are guaranteed against defects in material and workmanship. If a defect in a Duracell battery damages a device, we will repair or replace the device.
- + **THE BRAND PROFESSIONALS TRUST MOST:** Duracell® is the #1 trusted battery brand by medical, lodging, education, facility maintenance, and construction professionals.*
- + **INNOVATION:** Duracell is driving innovation to meet your company's need with a focus on what matters most: longevity, dependability and quality. Our newest innovation, Quantum, lasts longer on average vs. the leading competitive AA battery.**
- + **SERVICE:** Our experienced Duracell team will work with you or your distributor to develop a plan to address your battery needs.

*Duracell Internal Research Study conducted by Research Now, 1/20/17

**In ANSI alkaline battery performance tests. Results vary by device & usage patterns.

WHAT IS THE RIGHT DURACELL BRAND FOR YOUR DEVICE?



OUR LONGEST LASTING BATTERY: DURACELL® QUANTUM®

Cell Size	Pack Size	Part #
AA	24	QU1500BKD
AAA	24	QU2400BKD
C	12	QU1400
D	12	QU1300
9V	12	QU1604BKD

- No alkaline battery lasts longer¹
- Guaranteed for 10 years in storage²
- Check your power with Powercheck™
- Get reliable, long-lasting power for your critical devices
- Guaranteed to protect your device from damaging leaks³
- Available in convenient pack sizes, including economical bulk packs

www.DuracellPro.com
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¹On average across devices

²AA, AAA, C and D cells. Quantum 9V cells are guaranteed for 5 years in storage.

³Should your device be damaged due to a battery defect, when used as directed, we will repair or replace your device. See <https://www.duracell.com/en-us/technology/battery-care-use-and-disposal/> for details.

⁴AA, AAA, C and D cells. Coppertop 9V cells are guaranteed for 5 years in storage.

⁵AA, AAA, C, D cell sizes



OUR LONGER LASTING BATTERY: DURACELL® COPPERTOP®

Cell Size	Pack Size	Part #
AA	24	MN1500BKD
AAA	24	MN2400BKD
C	12	MN1400
D	12	MN1300
9V	12	MN1604BKD

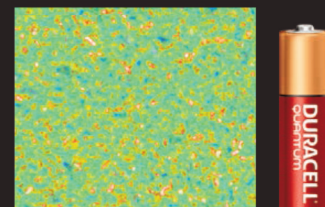
- Guaranteed for 10 years in storage³
- Guaranteed to protect your device from damaging leaks⁴
- Reliable, long-lasting power for your critical devices
- Available in convenient pack sizes, including economical bulk packs



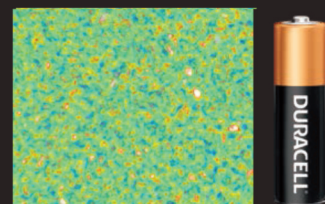
OUR LONG-LASTING BATTERY: DURACELL® PROCELL

Cell Size	Pack Size	Part #
AA	24	PC1500BKD
AAA	24	PC2400BKD
C	12	PC1400
D	12	PC1300
9V	12	PC1604BKD

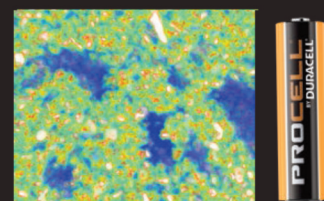
- Recommended for scheduled battery replacement programs
- Packaged in bulk for economical use, not available in retail stores
- 7-year guarantee in storage⁴



QUANTUM ANODE



COPPERTOP ANODE



PROCELL ANODE

UNDERSTANDING THE ANODES

Depicted above is an in-cell visualization of the anode, comprised primarily of zinc. Color overlays have been used to further enhance the images which are all shown at approximately the same magnification.

- Green represents a dense and uniform anode with a high concentration of zinc.
- Dark blue indicates vacant zinc areas.
- Orange and white show a partial look inside the zinc particles.



**NEVER TRUST A BATTERY
TO DO A DURACELL JOB**

DURACELL® BATTERIES ARE ENGINEERED TO PROVIDE RELIABLE, LONG LASTING POWER FOR ALL THE CRITICAL DEVICES IN YOUR MANUFACTURING FACILITY.

KEEP YOUR FACILITY RUNNING WITH DURACELL—THE #1 TRUSTED BATTERY BRAND.



DURACELL® QUANTUM®

Get reliable, long-lasting power for your critical devices with the most advanced Duracell battery.

- Lasts longer on average vs. the leading competitive AA battery¹
- Guaranteed for 10 years in storage²
- Check your power with Powercheck™
- Guaranteed to protect your device from damaging leaks³
- Packaged in bulk and blister packs for professional use



DURACELL® COPPERTOP®

Delivers reliable, long-lasting power for a wide range of professional devices.

- #1 Trusted Brand
- Guaranteed for 10 years in storage⁴
- Guaranteed to protect your device from damaging leaks³
- Packaged in bulk and blister packs for professional use



PROCELL BY DURACELL

Recommended only for scheduled battery replacement programs.

- Packaged in bulk for professional use, not available in retail stores.
- 7-year guarantee in storage.⁵



**DURACELL®
SPECIALTY BATTERIES**

Duracell offers a variety of specialty batteries for critical electronics, including: coin and button cells, specialty alkaline batteries, and high-power lithium batteries.

- Reliable, consistent performance.
- High capacity, low self-discharge.
- Long lasting to increase your productivity.

¹In ANSI alkaline battery performance tests. Results vary by device & usage patterns.

²Quantum AA, AAA, C and D batteries. Quantum 9V batteries are guaranteed for 5 years in storage.

³Should your device be damaged due to a battery defect, when used as directed, we will repair or replace your device. See <https://www.duracell.com/en-us/technology/battery-care-use-and-disposal/> for details.

⁴Coppertop AA, AAA, C and D batteries. Coppertop 9V batteries are guaranteed for 5 years in storage.

⁵AA, AAA, C and D batteries

DURACELL® BEST SELLER EASY REFERENCE GUIDE

This product chart is representative of top Duracell products. For additional items, please contact your East Penn Representative.

GOOD: PROCELL BY DURACELL | FOR SCHEDULED BATTERY REPLACEMENT PROGRAMS

Description	AA	AAA	D	C	9V
Pack Size	24	24	12	12	12
Duracell Part #	PC1500BKD	PC2400BKD	PC1300	PC1400	PC1604BKD

BETTER: DURACELL® COPPERTOP® | FOR A WIDE RANGE OF PROFESSIONAL DEVICES

Description	AA	AAA	D	C	9V
Pack Size	24	24	12	12	12
Duracell Part #	MN1500BKD	MN2400BKD	MN1300	MN1400	MN1604BKD

BEST: DURACELL® QUANTUM® | FOR YOUR CRITICAL PROFESSIONAL DEVICES

Description	AA	AAA	D	C	9V
Pack Size	24	24	12	12	12
Duracell Part #	QU1500BKD	QU2400BKD	QU1300	QU1400	QU1604BKD

DURACELL® SPECIALTY BATTERIES | FOR EVERY POWER NEED

Description	AAAA	303/357	76A	1/3N	2016	2032	2450	2025
Pack Size*	2	1	1	1	1	2	1	1
Duracell Part #	MX2500B2PK	D303/357PK	PX76A675PK	DL1/3NBPK	DL2016BPK	DL2032B2PK	DL2450BPK	DL2025BPK

*Specialty batteries are sold as an inner pack of six blister packs.

DURACELL® SPECIALTY BATTERIES | FOR EVERY POWER NEED

Description	CR2	123	223	245	28L	21/23	N
Pack Size*	1	2	1	1	1	2	2
Duracell Part #	DLCR2BPK	DL123AB2PK	DL223ABPK	DL245BPK	PX28LBPK	MN21B2PK	MN9100B2PK

*Specialty batteries are sold as an inner pack of six blister packs.

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DURACELL PROCELL

Bulk Pack

Part #	Battery Type	Battery Voltage	Battery Chemistry	Packaging	Master Carton	
					Quantity	Weight
PC1300	D	1.5	Alkaline	12 per box	1	3.97
PC1400	C	1.5	Alkaline	12 per box	1	1.96
PC1500BKD	AA	1.5	Alkaline	24 per box	1	1.42
PC2400BKD	AAA	1.5	Alkaline	24 per box	1	0.65
PC1604BKD	9V	9.0	Alkaline	12 per box	1	1.27

DURACELL COPPERTOP

Bulk Pack

Part #	Battery Type	Battery Voltage	Battery Chemistry	Packaging	Master Carton	
					Quantity	Weight
MN1300	D	1.5	Alkaline	12 per box	1	3.97
MN1400	C	1.5	Alkaline	12 per box	1	1.96
MN1500BKD	AA	1.5	Alkaline	24 per box	1	1.42
MN2400BKD	AAA	1.5	Alkaline	24 per box	1	0.65
MN1604BKD	9V	9.0	Alkaline	12 per box	1	1.27

DURACELL QUANTUM

Bulk Pack

Part #	Battery Type	Battery Voltage	Battery Chemistry	Packaging	Master Carton	
					Quantity	Weight
QU1300	D	1.5	Alkaline	12 per box	1	3.97
QU1400	C	1.5	Alkaline	12 per box	1	1.96
QU1500BKD	AA	1.5	Alkaline	24 per box	1	1.42
QU2400BKD	AAA	1.5	Alkaline	24 per box	1	0.65
QU1604BKD	9V	9.0	Alkaline	12 per box	1	1.27

DURACELL SPECIALTY BATTERIES

Retail Blister Pack

Part #	Battery Type	Battery Voltage	Battery Chemistry	Packaging	Master Carton	
					Quantity	Weight
PL123BKD	123	3.0	Lithium	12 per box	1	0.48
DL123AB2PK	123	3.0	Lithium	6 per box	1	0.52
DL223ABPK	223	6.0	Lithium	6 per box	1	0.59
DL245BPK	245	6.0	Lithium	6 per box	1	0.60
DL1/3NBPK	1/3N	3.0	Lithium	6 per box	1	0.12
PX28LBPK	28L	6.0	Lithium	6 per box	1	0.17
DLCR2BPK	CR2	3.0	Lithium	6 per box	1	0.26
DL2016BPK	2016	3.0	Lithium	6 per box	1	0.06
DL2025BPK	2025	3.0	Lithium	6 per box	1	0.07
DL2032B2PK	2032	3.0	Lithium	6 per box	1	0.09
DL2450BPK	2450	3.0	Lithium	6 per box	1	0.13
MX2500B2PK	AAAA	1.5	Alkaline	6 per box	1	0.23
MN9100B2PK	N	1.5	Alkaline	6 per box	1	0.34
PX76A675PK	76A/675	1.5	Alkaline	6 per box	1	0.10
D303/357PK	303/357	1.5	Silver Oxide	6 per box	1	0.07
MN21B2PK	21	12.0	Alkaline	6 per box	1	0.25



SPECIAL ORDERING

SPIRAL STRIPED WIRE

SPIRAL STRIPED WIRE IS AVAILABLE IN A VARIETY OF COLORS AND WIRE TYPES, FOR AN ADDITIONAL CHARGE. SPIRAL STRIPED WIRE IS MADE TO ORDER UPON REQUEST. ADDITIONAL LEAD TIME REQUIRED. SPIRAL STRIPED WIRE IS NON-RETURNABLE.

SPIRAL STRIPING IS LIMITED TO 1000' SPOOLS AND FACTORY REELS OF THE FOLLOWING WIRE TYPES:

- 80°C PRIMARY WIRE
- 105°C PRIMARY WIRE
- SXL CROSS-LINKED POLYETHYLENE WIRE
- UL/CSA MTW WIRE
- UL1426 TINNED WIRE
- CONDUCTORS IN CUSTOM MADE TRAILER CABLE, DUPLEX, TRIPLEX, AND QUADRAPLEX (WILL REQUIRE 25,000' MINIMUM)

CONTACT YOUR SALESPERSON OR CUSTOMER SUPPORT FOR PRICING, PART #'S AND CURRENT LEAD TIMES.

CUSTOM BATTERY CABLES AND WIRE

EAST PENN MANUFACTURING HAS THE CAPABILITY TO MANUFACTURE VARIOUS TYPES OF CUSTOM BATTERY CABLES, HARNESSSES, AND WIRE PRODUCTS BASED ON YOUR REQUIREMENTS. ALL REQUESTS FOR CUSTOM PRODUCT MUST BE MADE IN WRITING. ALL QUOTATIONS ARE PROCESSED PENDING CREDIT DEPARTMENT APPROVAL. WHEN REQUESTING A QUOTATION ON A CUSTOM MADE ITEM, THE FOLLOWING INFORMATION IS **REQUIRED**:

BATTERY CABLES

- ESTIMATED ANNUAL USAGE
- PRINT / DRAWING / WRITTEN DESCRIPTION INCLUDING:
 - TYPE, GAUGE AND COLOR OF CABLE
 - TYPE OF TERMINATION (ie. LUG, TERMINAL, CUT, ETC)
 - ADDITIONAL ITEMS (ie. LOOM, BOOTS, HEAT SHRINK, ETC)

WIRE

- ESTIMATED ANNUAL USAGE
- PRINT / DRAWING / WRITTEN DESCRIPTION INCLUDING:
 - WIRE TYPE, GAUGE, AND COLOR(S)
 - PUT-UP
 - SPECIAL O.D. (IF REQUIRED)
 - ROTATION (IF MULTI-CONDUCTOR)
 - SPECIAL STRANDING (IF REQUIRED)

MINIMUM REQUIREMENTS WILL BE SET FOR ALL CUSTOM MADE PRODUCTS. STANDARD MINIMUM REQUIREMENTS ARE AS FOLLOWS:

BATTERY CABLES

- 100 PIECES PER ITEM PER ORDER
- MINIMUM MAY BE INCREASED DUE TO COMPLEXITY OF CABLE

WIRE

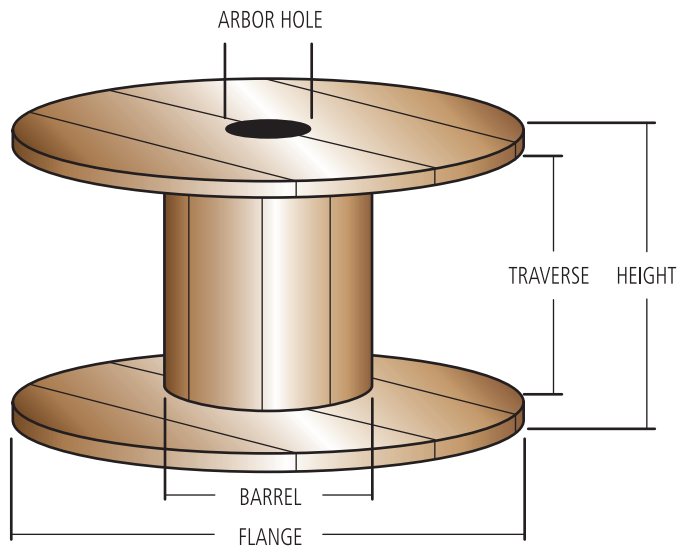
- 25,000 FEET PER ITEM PER ORDER
- MINIMUM MAY BE INCREASED TO CONFORM TO PUT-UP REQUIREMENTS

LEAD TIMES VARY BASED ON COMPLEXITY OF PRODUCT. ALL CUSTOM MADE ITEMS ARE MADE TO ORDER AND ARE NOT STOCKED. CUSTOM MADE ITEMS ARE NON-RETURNABLE.

CONTACT YOUR SALESPERSON WITH REQUIRED INFORMATION TO BEGIN QUOTE PROCESS.

WIRE AND CABLE SPOOL DIMENSIONS

Spool / Reel ID	Flange (inches)	Traverse (inches)	Height (inches)	Barrel (inches)	Arbor Hole (inches)	Type	Material
A	12	6	7-7/16	5-1/2	1-13/16	REEL	PLASTIC
B	14-1/2	7-3/8	9	5-1/2	1-13/16	REEL	PLASTIC
C	17-1/2	8-11/16	9-1/2	6-1/2	1-5/8	REEL	WOOD
D	17-1/2	13-1/2	14-1/4	6-1/2	1-5/8	REEL	WOOD
E	23-3/8	—	31	—	—	DRUM	FIBRE
F	29-5/8	12-3/8	14	10	1-5/8	REEL	WOOD
G	23-1/2	16-5/8	18-1/4	7	1-5/8	REEL	WOOD
H	3-1/2	3-1/16	3-1/4	1	3/4	SPOOL	PLASTIC
I	2-1/8	2	2	2	3/4	SPOOL	PLASTIC
J	6-7/16	3-15/16	4-3/8	2	7/8	SPOOL	PLASTIC
K	6-7/16	7-15/16	8-3/8	2	7/8	SPOOL	PLASTIC
L	15-1/2	9	10	—	1-9/16	REEL	WOOD
M	11-1/2	12	13	—	1-9/16	REEL	WOOD
N	15-1/2	9-1/2	10	—	1-9/16	REEL	WOOD
O	17-1/2	11-1/2	13	—	1-9/16	REEL	WOOD
P	23-1/2	12	13-1/2	—	1-9/16	REEL	WOOD
R	23-1/2	18	19-1/2	—	1-9/16	REEL	WOOD
S	13	10	10-5/8	—	1-7/8	REEL	WOOD
T	15	10	11	—	1-11/16	REEL	WOOD
U	16	8-1/2	8-3/4	—	1-7/8	REEL	WOOD
V	16	11-1/2	12-1/2	—	1-7/8	REEL	WOOD
W	18	11-1/2	12-1/2	—	1-11/16	REEL	WOOD
X	21	14	15-1/2	—	1-7/8	REEL	WOOD
Y	24	12	13-1/2	—	1-7/8	REEL	WOOD
Z	23-1/2	17-1/2	19	—	1-9/16	REEL	WOOD



WIRING GUIDE – PRIMARY WIRE & BATTERY CABLE

Using an automotive wiring guide is critical to help determine the correct wire or cable gauge for 12-volt systems. The selection of the correct gauge for automotive or other low voltage applications is extremely important to maximize safety and performance. Voltage drop or a loss of candlepower can occur if an insufficient gauge is used.

Always consider the total amperage and length of wire in each circuit when selecting an adequate gauge. Allow for the return circuit, including the grounded return, when estimating the length.

USING THE CHART

1. Measure the length of wire in the circuit including the ground return. A two-wire circuit will be the total lengths of both the wires. Account for both vehicles on auto and trailer applications.
2. Find the total amperes, watts, or candlepower and choose the nearest number in Circuit Amperes column.
3. Look across for proper footage to find nearest wire gauge.

Note:

18-gauge applications inside of the shaded area could be 20-gauge for electrical purposes. However, it is recommended to use 18-gauge for the tensile strength of the wire. Chart is based on maximum 10% voltage drop @ 100°F (in free air).

TOTAL APPROX. CIRCUIT AMPERES	WIRE GAUGE (FOR LENGTH IN FEET)												
	12V	3	5	7	10	15	20	25	30	40	50	75	100
1	18	18	18	18	18	18	18	18	18	18	18	18	18
1.5	18	18	18	18	18	18	18	18	18	18	18	18	18
2	18	18	18	18	18	18	18	18	18	18	18	16	16
3	18	18	18	18	18	18	18	18	18	18	18	14	14
4	18	18	18	18	18	18	18	18	18	16	16	12	12
5	18	18	18	18	18	18	18	18	18	16	14	12	12
6	18	18	18	18	18	18	16	16	16	16	14	12	10
7	18	18	18	18	18	18	16	16	16	14	14	10	10
8	18	18	18	18	18	18	16	16	16	14	12	10	10
10	18	18	18	18	18	16	16	16	14	12	12	10	10
11	18	18	18	18	18	16	16	14	14	12	12	10	8
12	18	18	18	18	18	16	16	14	14	12	12	10	8
15	18	18	18	18	18	14	14	12	12	12	10	8	8
18	16	16	16	16	16	14	14	12	12	10	10	8	8
20	16	16	16	16	16	14	12	10	10	10	10	8	6
22	14	14	14	14	14	12	12	10	10	10	8	6	6
24	14	14	14	14	14	12	12	10	10	10	8	6	6
30	12	12	12	12	12	10	10	10	10	10	6	4	4
40	10	8	8	8	8	8	8	8	8	6	6	4	2
50	8	8	8	8	8	8	8	8	8	6	6	2	2
100	4	4	4	4	4	4	4	4	4	4	2	1	1/0
150	2	2	2	2	2	2	2	2	2	2	1	2/0	2/0
200	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	4/0	4/0

TYPICAL AMPERAGE GUIDE

EQUIPMENT	AVG. AMPS*
Air Conditioner	13 to 20
Alarm System	18 to 20
Anti-lock Brake Module	2 to 6
Cigarette Lighter/Power Outlet	10 to 12
Dash lights	1.5 to 3
Dome Light	1
Electric Clock and Light	0.3
Electric Wiper	3 to 6
Fog Lights	8 to 9
Gauges	0.7 to 1
Headlight Dimmer	2.2
Headlights - Low Beams	8 to 9
Headlights - High Beams	13 to 15
Heater/Defroster	6 to 10
Horns (2)	18 to 20
Ignition	1.5 to 3.5
License Lights	0.5
Parking Lights (2)	1.3
Power Antenna	6 to 10
Power Door Locks	3 to 5
Power Seats	25 to 50
Power Sunroof	20 to 25
Power Windows	2 to 20
Power to Trailer Hitch if Equipped	20 to 30
Radio/CD Player	2 to 5
Rear Window Defogger	20 to 25
Reverse Lights (2)	3.5 to 4
Starter Motor	75 to 300
Starter Solenoid	12 to 20
Stop Lights (2)	3.5 to 4
Side Marker Lights (2)	1.3
Tail Lights (2)	0.5
Trunk Lights	0.5

*Based on a typical 12-volt system.

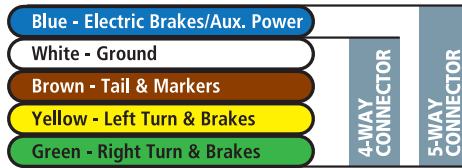
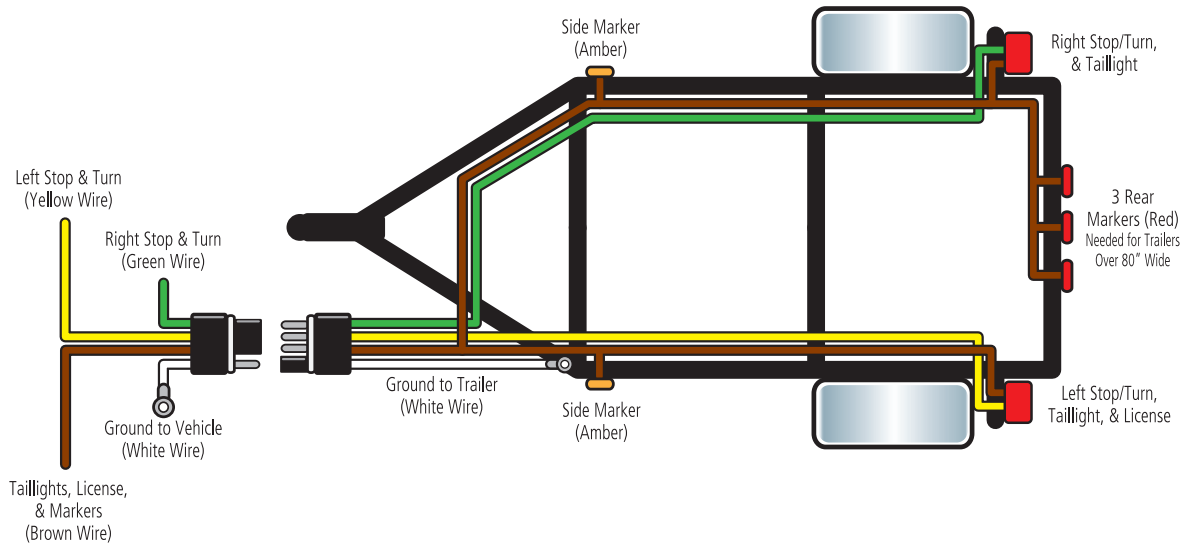


MARINE WIRE & CABLE COLOR CODING

Color	Item	Use
Red	DC Positive Conductor	Positive mains.
Black or Yellow	DC Negative Conductor	Return, negative mains.
Green or Green w/Yellow Stripe(s)	DC Grounding Conductor	Bonding system. Bonding wires (if insulated).
Yellow w/ Red Stripe	Starting Circuit	Starting switch to solenoid.
Brown w/Yellow Stripe or Yellow - See Note	Bilge Blowers	Fuse or switch to blowers
Gray	Navigation Lights Tachometer	Fuse or switch to lights. Tachometer sender to gauge.
Brown	Generator Armature	Generator armature to regulator.
	Alternator Charge Light	Generator, terminal/alternator, auxiliary terminal to light regulator.
	Pumps	Fuse or switch to pumps.
Orange	Accessory Feed	Ammeter to alternator of generator output and accessory fuses or switches. Distribution panel to accessory switch.
Purple	Ignition	Ignition switch to coil and electrical instruments.
	Instrument Feed	Distribution panel to electrical instruments.
Dark Blue	Cabin and Instrument Lights	Fuse or switch to lights.
Light Blue	Oil Pressure	Oil pressure sender to gauge.
Tan	Water Temperature	Water temperature sender to gauge.
Pink	Fuel Gauge	Fuel gauge sender to gauge.
Green w/Stripe (except G/Y)	Tilt Down and/or Trim In	Tilt and/or trim circuits.
Blue w/Stripe	Tilt Up and/or Trim Out	Tilt and/or trim circuits.

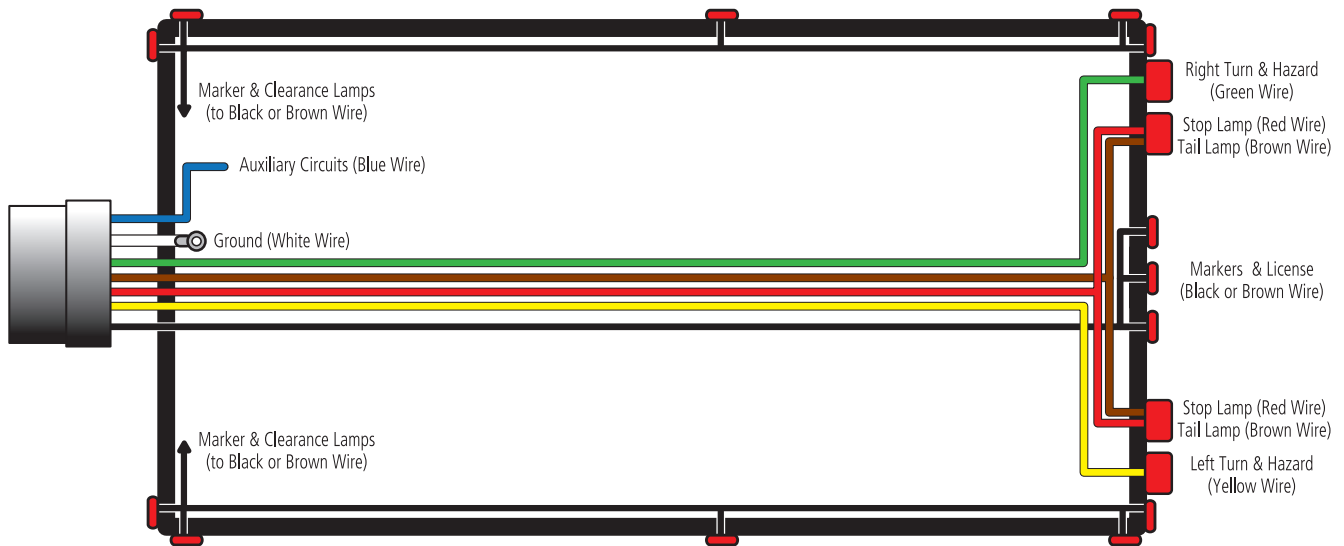
NOTE: If yellow is used for DC negative, blower must be brown with yellow stripe.

TRAILER WIRING RECOMMENDATIONS



See pages 84 & 85 for Part Numbers

TRACTOR TRAILER WIRING RECOMMENDATIONS (RCCC & A.T.A.)



(RCCC Recommended)

White	Ground return to towing vehicle (8 GA)
Black*	ICC required marker identification and clearance lamps (12 GA)
Yellow	Left-hand directional and hazard signal (12 GA)
Red	Stop lamp and anti-wheel lock devices (10 GA)
Green	Right-hand directional and hazard signal (12 GA)
Brown*	Tail, license and clearance lamps (12 GA)
Blue	Auxiliary circuits (12 or 10 GA)

(A.T.A. Recommended)

White	Ground return to towing vehicle (10 GA)
Black	ICC required marker and clearance lamps (12 GA)
Yellow	Left-hand directional signal (12 GA)
Red	Stop lamp (12 GA)
Green	Right-hand directional signal (12 GA)
Brown	Tail, 3-bar marker and clearance lamps other than ICC Req. (12 GA)
Blue	Auxiliary circuits (12 GA)

*Leads should be balanced

See pages 90 thru 96 for Part Numbers



MODERN METRIC CONVERSION FACTORS

Symbol	When You Know...	Multiply By	To Find	Symbol
LENGTH				
in	inches	25.4	millimeters	mm
ft	feet	0.305	meters	m
yd	yards	0.914	meters	m
mi	miles	1.61	kilometers	km
AREA				
in ²	square inches	645.2	square millimeters	mm ²
ft ²	square feet	0.093	square meters	m ²
yd ²	square yards	0.836	square meters	m ²
ac	acres	0.405	hectares	ha
mi ²	square miles	2.59	square kilometers	km ²
VOLUME				
fl oz	fluid ounces	29.57	milliliters	ml
gal	gallons	3.785	liters	l
ft ³	cubic feet	0.028	cubic meters	m ³
yd ³	cubic yards	0.765	cubic meters	m ³
<i>NOTE: Volumes greater than 1000 l shall be shown in m³</i>				
MASS				
oz	ounces	28.35	grams	g
lb	pounds	0.454	kilograms	kg
T	short tons (2000 lb)	0.907	megagrams	Mg
TEMPERATURE (exact)				
°F	Fahrenheit temperature	5(F-32)/9 or (F-32)/1.8	Celsius temperature	°C
ILLUMINATION				
fc	foot-candles	10.76	lux	lx
fl	foot-Lamberts	3.426	candela/m ²	cd/m ²
FORCE and PRESSURE or STRESS				
lbg	poundforce	4.45	newtons	N
psi	pounds per square inch	6.89	kilopascals	kPa
ELECTRICAL				
	Ohms/Kilofeet	3.2808	Ohms/Kilometer	
Insulation Resistance:				
	Megohms-Kilofeet	0.3048	Megohms-Kilometer	

Symbol	When You Know...	Multiply By	To Find	Symbol
LENGTH				
mm	millimeters	0.039	inches	in
m	meters	3.28	feet	ft
m	meters	1.09	yards	yd
km	kilometers	0.621	miles	mi
AREA				
mm ²	square millimeters	0.0016	square inches	in ²
m ²	square meters	10.764	square feet	ft ²
m ²	square meters	1.195	square yards	ac
ha	hectares	2.47	acres	mi ²
km ²	square kilometers	0.386	square miles	
VOLUME				
ml	milliliters	0.034	fluid ounces	fl oz
l	liters	0.264	gallons	gal
m ³	cubic meters	35.71	cubic feet	ft ³
m ³	cubic meters	1.307	cubic yard	yd ³
MASS				
g	grams	0.035	ounces	oz
kg	kilograms	2.202	pounds	lb
Mg	megagrams	1.103	short tons (2000 lb)	T
TEMPERATURE (exact)				
°C	Celsius temperature	1.8°C +32	Fahrenheit temperature	°F
ILLUMINATION				
lx	lux	0.0929	foot-candles	fc
cd/m ²	candela/m ²	0.2919	foot-Lamberts	fl
FORCE and PRESSURE or STRESS				
N	newtons	0.225	poundforce	lbf
kPa	kilopascals	0.145	pounds per square inch	psi
ELECTRICAL				
	Ohms/Kilometer	0.3048	Ohms/Kilofeet	
Insulation Resistance:				
	Megohms-Kilometer	3.2808	Megohms-Kilofeet	

GLOSSARY

A	Common abbreviation for ampere.
ABRASION RESISTANT	Ability to resist surface wear.
ABS	Anti-lock Brake System.
ABYC	American Boat and Yacht Council.
AC	Alternating Current.
ACID-RESISTANT	Ability to resist acid corrosion.
Al	Period Table of Elements abbreviation for Aluminum.
ALLOY	A substance having metallic properties and being composed of an elemental metal and one or more chemical elements.
AMP	Common abbreviation for ampere.
AMPACITY	The RMS current which a device can carry within specified temperature limitations in a specified environment: dependent upon temperature rating, power loss or heat dissipation.
AMPERE	The SI unit used to measure electric current. Electric current through any given cross-section (such as a cross-section of a wire) may be measured as the amount of electrical charge moving through that cross-section in one second. One ampere is equal to a flow of one coulomb per second, or a flow of 6.28×10^{18} electrons per second.
ANNEALED	An object that is free from internal stress by heating and gradually cooling.
ANTIMONIAL LEAD	A lead alloy that contains antimony.
ANTIMONY	A brittle, lustrous, white metallic element occurring in nature free or combined, used chiefly in alloys.
APPROVED	Formally confirmed or sanctioned.
ASTM	American Society for Testing and Materials.
ATA	American Trucking Association.
AUXILIARY	A secondary or supplementary wire.
AWG	American Wire Gauge. A wire diameter specification. The lower the AWG number the larger the wire diameter.
AWM	Appliance Wiring Material.
BARE CONDUCTOR	A conductor having no insulation or jacket.
BUNCH STRANDING	Conductors twisted together with the same lay and direction without regard to geometric pattern.
°C	Common abbreviation for Celsius.
CABLE	A conductor or group of conductors for transmitting electric power or telecommunication signals from one place to another.
CABLE ASSEMBLY	A string of cables and/or wires which transmit informational signals or operating currents. The cables are bound together by clamps, cable ties, lacing, sleeves, electrical tape, conduit, or a combination thereof.
CAPACITY	A measurement of the ability to store electrical charge.
CCA	Copper Clad Aluminum.
CERTIFICATE OF COMPLIANCE	A document certified by a competent authority that the supplied good or service meets the required specification. Also called certificate of conformance, certificate of conformity.
CIRCULAR MILS	A unit of area equal to the area of a circle with a diameter of one mil (one thousandth of an inch).
CLADDING	The bonding together of dissimilar metals often achieved by extruding two metals through a die as well as pressing or rolling sheets together under high pressure.
COAST GUARD APPROVED	Meets or exceeds operating equipment requirements as set by the Coast Guard.
COLD TEST	A type of test performed using colder than average temperatures to determine certain characteristics of an object or material.
COMEX	Primary market for trading metals such as gold, copper, silver and aluminum.
COMPLIANT	Conforming to requirements.
CONDUCTANCE	Measure of how well a material will conduct electricity. Measured in siemens.
CONDUCTIVITY	The ability of a material to allow electrons to flow, measured by the current per unit of voltage applied.
CONDUCTOR	A material suitable for carrying an electric current.
CONNECTOR	A metallic device of suitable electric conductance and mechanical strength, used to splice the ends of two or more cable conductors, or as a terminal connector on a single conductor.
COPPER-CLAD ALUMINUM	Aluminum and copper bonded together by extruding two metals through a die or pressing or rolling sheets together under high pressure.
CORE	The center of an object.
CORROSION	The disintegration of an engineered material into its constituent atoms due to chemical reactions with its surroundings.
CORRUGATED	Shaped into folds or parallel and alternating ridges and grooves.
CRIMP	A connection typically used to terminate stranded wire. Attached by inserting the stripped end of stranded wire into a portion of the terminal, which is then mechanically deformed/compressed tightly around the wire.
CROSS-LINK	A special purpose high temperature automotive wire with cross-linked polyethylene (XLPE) insulation. Typically used in high heat applications such as the engine compartment.

GLOSSARY

CSA	Canadian Standards Association. Similar to UL in the United States.
Cu	Abbreviation for Copper in accordance with the Periodic Table of Elements.
CURRENT	The rate of transfer of electricity. The unit of current is the ampere, rate of one coulomb per second.
DC	Direct current. Electrical current whose electrons flow in one direction only. It may be constant or pulsating as long as their movement is in the same direction.
DIAMETER	A straight line passing through the center of a circle or sphere and meeting the circumference or surface at each end.
DIE	A metal block that is used for forming materials.
DIE CAST	A metal casting process that is characterized by forcing molten metal under high pressure into a mold cavity. The mold cavity is created using two hardened steel dies which have been machined into shape and work similarly to an injection mold during the process.
DIELECTRIC	An electrical insulator that can be polarized by an applied electric field.
DOT	Department of Transportation.
DRAWING	A technical drawing used to fully and clearly define requirements for engineered items.
DRAWING, WIRE	A metal working process used to reduce the cross-section of a wire by pulling the wire through a single, or series of drawing dies. Although similar in process, drawing is different from extrusion, because in drawing the wire is pulled, rather than pushed, through a die.
DUAL EXTRUSION	involves combining two or more extruders to produce wire with two or more colors.
ELASTOMER	Any material that will return to its original dimensions after being stretched or distorted.
ELECTRO-TINNED	To plate or coat (a base metal) with tin by electrolysis.
ELECTROLYSIS	Is a process by which electrical energy is used to produce a chemical change.
EPDM	(Ethylene Propylene Diene Monomer (M-class) rubber) A type of synthetic rubber.
EXTRUSION	The act or process of shaping by forcing through a die.
°F	Common abbreviation for Fahrenheit.
FERROUS	Composed of and/or containing iron. A ferrous metal exhibits magnetic characteristics.
FILLER	Something added to augment weight or size or fill space.
FLAME RETARDANT	Chemicals used in thermoplastics, thermosets, textiles and coatings that inhibit or resist the spread of fire.
FLANGE	Disc shaped collar on the end of a spool or reel to prevent wire from sliding off barrel.
FLEXIBILITY	The distance of motion.
FLEXIBLE	Capable of being bent, usually without breaking. Susceptible of modification or adaptation. Pliable.
GAUGE	A standard of measure or measurement.
GOLD-PLATED	A base metal coated with gold through an electroplating process.
GPT	General Purpose Thermoplastic.
GRAVITY CAST	A manufacturing process utilizing the force of gravity instead of high pressure to fill a permanent mold, or die, with molten material. The molten material is then allowed to solidify within that mold, and is then ejected or broken out to make a fabricated part.
GROUND	A voltage reference point that is the same as earth or chassis ground.
GXL	General purpose Cross-linked polyethylene insulated wire. Intended for use in engine compartments where higher heat resistance is required.
ID	Inside Diameter.
INSULATION	A material having good dielectric properties which is used to separate close electrical components, such as cable conductors and circuit components.
ISO	International Organization for Standardization.
JACKET	Pertaining to wire and cable, the outer sheath which protects against the environment and may also provide additional insulation.
LAY	The length measured along the axis of a wire or cable required for a single strand (in stranded wire) or conductor (in cable) to make one complete turn about the axis of the conductor or cable.
LAY DIRECTION	The twist in the cables as indicated by the top strands while looking along the axis of the cable away from the observer. Described as right-hand or left hand.
LME	London Metal Exchange.
MC	Master Carton.
MIL	Military specification.
MTW	Machine Tool Wire.
NAFTA	North American Free Trade Agreement.
NATM	National Association of Trailer Manufacturers
NATIONAL ELECTRICAL CODE (NEC)	A U.S. consensus standard published by the National Fire Protection Association (NFPA) and incorporated in OSHA regulations.
NEGATIVE	A polarity of electrical charge.
NEUTRALIZE	A chemical reaction in which an acid and a base react to form a salt. Water is frequently, but not necessarily, produced as well.
NMMA	National Marine Manufacturers Association.
NM-B	A UL Cable type, non metallic–sheathed cable.

GLOSSARY

NOMINAL	Name or identifying value of a measurable property by which a conductor or component or property of a conductor is identified, and to which tolerances are applied.
NON-FERROUS	Indicates metals other than iron and alloys that do not contain an appreciable amount of iron.
OD	Outside diameter.
OE	Original Equipment.
OEM	Original Equipment Manufacturer.
OHM	The electrical unit of resistance.
OSHA	U.S. Occupational Safety and Health Administration.
Pb	Abbreviation for Lead in accordance with the Periodic Table of Elements.
PIES	Product Information Exchange Standard.
PLASTICIZER	A chemical agent added to plastics to make them softer and more pliable.
POLARITY	Present in every electrical circuit. Electrons flow from the negative pole to the positive pole. In a direct current (DC) circuit, one pole is always negative, the other pole is always positive and the electrons flow in one direction only. In an alternating current (AC) circuit the two poles alternate between negative and positive and the direction of the electron flow continually reverses.
POLYETHYLENE (PE)	A thermoplastic material having excellent electrical and physical properties.
POLYMER	A substance made of many repeating chemical units or molecules. The term polymer is often used in place of plastic, rubber, or elastomer.
POLYPROPYLENE (PPE)	A thermoplastic similar to polyethylene but stiffer and having a higher softening point (temperature).
POSITIVE	A polarity of electrical charge.
POLYVINYL CHLORIDE (PVC)	A general-purpose thermoplastic used for low voltage wire and cable insulation, and for jackets.
REEL DRUM DIAMETER	Diameter of the drum (or hub) of the reel.
REEL FLANGE DIAMETER (REEL HEIGHT)	Diameter of the reel flanges.
REEL TRAVERSE	Width of space between reel flanges.
REEL WIDTH	Overall width of reel.
RESISTANT	Impervious to the action of corrosive substances.
RCCC	Regular Common Carrier Conference.
ROOT MEAN SQUARE (RMS)	The effective value of an alternating current or voltage.
RoHS	Restriction of Hazardous Substances.
ROPE LAY CONDUCTOR	A conductor composed of a central core surrounded by one or more layers of helically laid groups of wires used in portable cables.
SAE	Society of Automotive Engineers.
SAE J378	Marine propulsion system wiring.
SAE J1127	Low voltage battery cable.
SAE J1128	Low voltage primary cable.
SAE J1494	Battery booster cables.
SAE J2394	Seven conductor cable for ABS power - truck and bus.
SGT	Starter or Ground, general purpose, thermoplastic insulated cable.
SGX	Starter or Ground, general purpose, Cross-linked polyethylene insulated cable.
SINTERED METAL	Metal created from powder. Advantages include very high levels of purity and controlled, uniformed porosity.
SLEEVING	An extruded tube.
SOLDER	A fusible metal alloy used to join together metal workpieces and having a melting point below that of the workpiece(s).
SPECIFIC GRAVITY	The ratio of the density (mass per unit volume) of a material to that of water.
SPLICE	The physical connection of two or more conductors to provide electrical continuity.
STANDARD	Something established by authority, custom, or general consent as a model or example. Something set up and established by authority as a rule for the measure of quantity, weight, extent, value, or quality.
STRANDED CONDUCTOR	A conductor composed of a group of wires, usually twisted, or of any combination of such groups of wire.
SXL	Special purpose, Cross-linked polyethylene insulated wire. Used in engine compartments where higher heat resistance is required.
TEMPERATURE RATING	A measure of the highest (or occasionally lowest) temperature at which it is safe to use a product for a particular purpose. For example, temperature ratings are often quoted for electrical insulators, specifying the maximum temperature at which they provide adequate protection against electrical breakdown.
TEMPERED STEEL	A heat treatment technique that is done to "toughen" the metal by transforming brittle martensite or bainite into a combination of ferrite and cementite or sometimes Tempered martensite. Tempering is accomplished by a controlled reheating of the work piece to a temperature below its lower critical temperature.
TENSILE STRENGTH	The maximum load per unit of original cross-sectional area that a conductor attains when tested in tension to rupture.

GLOSSARY

TERMINAL	A device for joining electrical circuits together.
TEW	Thermoplastic Equipment Wire. Canadian Standards Association type appliance wires. Solid or stranded single conductor, plastic insulated, 105°C, 600V.
THERMOPLASTIC	A material that can be softened repeatedly by heating and hardened by cooling through a temperature range characteristic of the plastic, and that in the softened state can be shaped by molding or extrusion.
THERMOSET	A material that has been vulcanized by heat or by other means and is substantially infusible and insoluble.
THERMOSETTING INSULATION	A polymer material that irreversibly cures. The cure may be done through heat (generally above 200 °C (392 °F)), through a chemical reaction, or irradiation such as electron beam processing. Thermoset materials are usually liquid or malleable prior to curing and designed to be molded into their final form, or used as adhesives.
THHN	600 volt 90°C nylon jacketed building wire.
TIN-PLATED	The resulting product of a process of thinly coating sheets of wrought iron or steel with tin. Often to prevent rust and corrosion.
TINNED COPPER	Tin coating added to copper to aid in soldering and inhibit corrosion.
TPE	Thermoplastic Elastomer.
TRAVERSE	The length of the barrel of a reel or spool from flange to flange.
TWP	Thin-wall PVC Wire.
TXL	Thin-wall cross-link polyethylene insulated wire. Used in automotive applications where small diameter and minimal weight is desirable.
UL	Underwriters Laboratory. A non-profit independent organization, which operates a listing service for electrical and electronic materials and equipment. (Canadian counterpart is CSA).
UL 1015/1230/1345	Single conductor with extruded 105°C insulation.
UL 1426	Electric cables for boats with extruded 105°C insulation.
UNILAY	A conductor with more than one layer of helically laid wires with the direction of lay and length of lay the same for all layers.
UNIVERSAL	Adapted or adjustable to many sizes or mechanical uses. Can be used in both positive and negative applications.
UV RESISTANT	Being resistant to ultra violet (UV) light or sunlight. UV light, or sunlight, will cause non-resistant materials and surfaces to fade or discolor.
VINYL	Any of various compounds containing the vinyl radical, typically highly reactive, easily polymerized, and used as basic materials for plastics.
VOLT	The International System unit of electric potential and electromotive force, equal to the difference of electric potential between two points on a conducting wire carrying a constant current of one ampere when the power dissipated between the points is one watt.
VOLTAGE	Electromotive force or potential difference, usually expressed in volts.
VOLTAGE DROP	A voltage loss occurring between any two points in a power circuit.
VULCANIZED	To improve the strength, resiliency, and freedom from stickiness and odor of (rubber, for example) by combining with sulfur or other additives in the presence of heat and pressure.
VW-1	The flammability rating established by Underwriters Laboratories for wires and cables that pass a specially designed vertical flame test, formerly designated FR-1, Similar to CSA designation FT1.
WIRE	A usually pliable metallic strand or rod made in many lengths and diameters, sometimes clad and often electrically insulated, used chiefly for structural support or to conduct electricity.
XLPE	Cross-linked polyethylene.
ZINC-PLATED	The product of a electroplating, the practice of putting an object in a solution and using electricity to coat it. Zinc plating is commonly used on steel to provide corrosion resistance.

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04259	CABLE, BATT SIDE 4 GA 35" W/AUX RED BULK	0 83996 04259 9	18
04260	CABLE, BATT SIDE 4 GA 40" W/AUX RED BULK	0 83996 04260 5	18
04261	CABLE, BATT SIDE 4 GA 45" W/AUX RED BULK	0 83996 04261 2	18
04262	CABLE, BATT SIDE 4 GA 50" W/AUX RED BULK	0 83996 04262 9	18
04263	CABLE, BATT SIDE 4 GA 55" W/AUX RED BULK	0 83996 04263 6	18
04264	CABLE, BATT SIDE 4 GA 65" W/AUX RED BULK	0 83996 04264 3	18
04266	CABLE, BATT SIDE 4 GA 20" W/AUX BLK BULK	0 83996 04266 7	18
04267	CABLE, BATT SIDE 4 GA 25" W/AUX BLK BULK	0 83996 04267 4	18
04268	CABLE, BATT SIDE 4 GA 30" W/AUX BLK BULK	0 83996 04268 1	18
04269	CABLE, BATT SIDE 4 GA 35" W/AUX BLK BULK	0 83996 04269 8	18
04270	CABLE, BATT SIDE 4 GA 40" W/AUX BLK BULK	0 83996 04270 4	18
04271	CABLE, BATT SIDE 4 GA 45" W/AUX BLK BULK	0 83996 04271 1	18
04272	CABLE, BATT SIDE 4 GA 50" W/AUX BLK BULK	0 83996 04272 8	18
04273	CABLE, BATT SIDE 4 GA 55" W/AUX BLK BULK	0 83996 04273 5	18
04274	CABLE, BATT SIDE 4 GA 65" W/AUX BLK BULK	0 83996 04274 2	18
04276	CABLE, BATT SS 4 GA 16" RED BULK	0 83996 04276 6	18
04277	CABLE, BATT SS 4 GA 18" RED BULK	0 83996 04277 3	18
04278	CABLE, BATT SS 4 GA 24" RED BULK	0 83996 04278 0	18
04279	CABLE, BATT SS 4 GA 32" RED BULK	0 83996 04279 7	18
04280	CABLE, BATT SS 4 GA 40" RED BULK	0 83996 04280 3	18
04281	CABLE, BATT SS 4 GA 49" RED BULK	0 83996 04281 0	18
04282	CABLE, BATT SS 4 GA 16" BLK BULK	0 83996 04282 7	18
04283	CABLE, BATT SS 4 GA 18" BLK BULK	0 83996 04283 4	18
04284	CABLE, BATT SS 4 GA 24" BLK BULK	0 83996 04284 1	18
04285	CABLE, BATT SS 4 GA 32" BLK BULK	0 83996 04285 8	18
04286	CABLE, BATT SS 4 GA 40" BLK BULK	0 83996 04286 5	18
04287	CABLE, BATT SS 4 GA 49" BLK BULK	0 83996 04287 2	18
04288	CABLE, BATT SS 2 GA 16" RED BULK	0 83996 04288 9	19
04289	CABLE, BATT SS 2 GA 18" RED BULK	0 83996 04289 6	19
04290	CABLE, BATT SS 2 GA 24" RED BULK	0 83996 04290 2	19
04291	CABLE, BATT SS 2 GA 32" RED BULK	0 83996 04291 9	19
04292	CABLE, BATT SS 2 GA 40" RED BULK	0 83996 04292 6	19



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Table with 4 columns: PART NO., DESCRIPTION, UNIT UPC, PAGE NO. Contains items 07430 through 07497.

Table with 4 columns: PART NO., DESCRIPTION, UNIT UPC, PAGE NO. Contains items 07498 through 07565.



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PART NO.	DESCRIPTION	UNIT UPC	PAGE NO.
98725	WIRE, BOAT CABLE UL SNGL 14 GA 500' PNK MM	0 83996 98725 8	79
98726	WIRE, BOAT CABLE UL SNGL 14 GA 500' TAN MM	0 83996 98726 5	79
98727	WIRE, BOAT CABLE UL SNGL 14 GA 500' PRP MM	0 83996 98727 2	79
98728	WIRE, BOAT CABLE UL SNGL 14 GA 500' BLU MM	0 83996 98728 9	79
98729	WIRE, BOAT CABLE UL SNGL 14 GA 500' BRN MM	0 83996 98729 6	79
98730	WIRE, BOAT CABLE UL SNGL 14 GA 500' GRY MM	0 83996 98730 2	79
98731	WIRE, BOAT CABLE UL SNGL 14 GA 500' ORG MM	0 83996 98731 9	79
98732	WIRE, BOAT CABLE UL SNGL 12 GA 500' PNK MM	0 83996 98732 6	79
98733	WIRE, BOAT CABLE UL SNGL 12 GA 500' TAN MM	0 83996 98733 3	79
98734	WIRE, BOAT CABLE UL SNGL 12 GA 500' PRP MM	0 83996 98734 0	79
98735	WIRE, BOAT CABLE UL SNGL 12 GA 500' BLU MM	0 83996 98735 7	79
98736	WIRE, BOAT CABLE UL SNGL 12 GA 500' BRN MM	0 83996 98736 4	79
98737	WIRE, BOAT CABLE UL SNGL 12 GA 500' GRY MM	0 83996 98737 1	79
98738	WIRE, BOAT CABLE UL SNGL 12 GA 500' YEL MM	0 83996 98738 8	79
98739	WIRE, BOAT CABLE UL SNGL 12 GA 500' ORG MM	0 83996 98739 5	79
98740	WIRE, BOAT CABLE UL SNGL 10 GA 500' PNK MM	0 83996 98740 1	79
98741	WIRE, BOAT CABLE UL SNGL 10 GA 500' TAN MM	0 83996 98741 8	79
98742	WIRE, BOAT CABLE UL SNGL 10 GA 500' PRP MM	0 83996 98742 5	79
98743	WIRE, BOAT CABLE UL SNGL 10 GA 500' BLU MM	0 83996 98743 2	79
98744	WIRE, BOAT CABLE UL SNGL 10 GA 500' BRN MM	0 83996 98744 9	79
98745	WIRE, BOAT CABLE UL SNGL 10 GA 500' GRY MM	0 83996 98745 6	79
98746	WIRE, BOAT CABLE UL SNGL 10 GA 500' YEL MM	0 83996 98746 3	79
98747	WIRE, BOAT CABLE UL SNGL 10 GA 500' ORG MM	0 83996 98747 0	79
98748	WIRE, BOAT CABLE UL SNGL 16 GA 100' TAN MM	0 83996 98748 7	78
98749	WIRE, BOAT CABLE UL SNGL 14 GA 100' TAN MM	0 83996 98749 4	79
98750	WIRE, BOAT CABLE UL SNGL 12 GA 100' PNK MM	0 83996 98750 0	79
98751	WIRE, BOAT CABLE UL SNGL 12 GA 100' TAN MM	0 83996 98751 7	79
98752	WIRE, BOAT CABLE UL SNGL 12 GA 100' PRP MM	0 83996 98752 4	79
98753	WIRE, BOAT CABLE UL SNGL 10 GA 100' PNK MM	0 83996 98753 1	79
98754	WIRE, BOAT CABLE UL SNGL 10 GA 100' TAN MM	0 83996 98754 8	79
98755	WIRE, BOAT CABLE UL SNGL 10 GA 100' PRP MM	0 83996 98755 5	79
98756	WIRE, BOAT CABLE UL SNGL 10 GA 100' BLU MM	0 83996 98756 2	79
98757	WIRE, BOAT CABLE UL SNGL 10 GA 100' BRN MM	0 83996 98757 9	79
98758	WIRE, BOAT CABLE UL SNGL 10 GA 100' GRY MM	0 83996 98758 6	79
98769	WIRE, BOAT CABLE UL SNGL 12 GA 100' BRN MM	0 83996 98769 2	79
99051	WIRE, AUTO DUPLEX 12/2 5000' BLK,BLU W/GRY JKT FR	0 83996 99051 7	87
99104	WIRE, TC 14/4 2500' YEL,RED,GR,BR FR	0 83996 99104 0	91
99107	WIRE, BOAT CABLE UL SNGL 14 GA 500' YEL MM	0 83996 99107 1	79
99108	WIRE, BOAT CABLE UL SNGL 14 GA 100' DK BLU MM	0 83996 99108 8	79
99116	WIRE, BOAT CABLE UL SNGL 16 GA 100' YEL MM	0 83996 99116 3	78
99117	WIRE, BOAT CABLE UL SNGL 16 GA 100' PRP MM	0 83996 99117 0	78
99118	WIRE, BOAT CABLE UL SNGL 16 GA 100' PNK MM	0 83996 99118 7	78
99119	WIRE, BOAT CABLE UL SNGL 16 GA 100' ORG MM	0 83996 99119 4	78
99120	WIRE, BOAT CABLE UL SNGL 16 GA 100' GRY MM	0 83996 99120 0	78
99121	WIRE, BOAT CABLE UL SNGL 16 GA 100' BRN MM	0 83996 99121 7	78
99122	WIRE, BOAT CABLE UL SNGL 16 GA 100' BLU MM	0 83996 99122 4	78
99123	WIRE, BOAT CABLE UL SNGL 14 GA 100' YEL MM	0 83996 99123 1	79
99124	WIRE, BOAT CABLE UL SNGL 14 GA 100' PRP MM	0 83996 99124 8	79
99125	WIRE, BOAT CABLE UL SNGL 14 GA 100' PNK MM	0 83996 99125 5	79
99126	WIRE, BOAT CABLE UL SNGL 14 GA 100' ORG MM	0 83996 99126 2	79
99127	WIRE, BOAT CABLE UL SNGL 14 GA 100' GRY MM	0 83996 99127 9	79
99128	WIRE, BOAT CABLE UL SNGL 14 GA 100' BRN MM	0 83996 99128 6	79
99129	WIRE, BOAT CABLE UL SNGL 14 GA 100' BLU MM	0 83996 99129 3	79
99130	WIRE, BOAT CABLE UL SNGL 12 GA 100' YEL MM	0 83996 99130 9	79
99131	WIRE, BOAT CABLE UL SNGL 12 GA 100' ORG MM	0 83996 99131 6	79
99132	WIRE, BOAT CABLE UL SNGL 12 GA 100' GRY MM	0 83996 99132 3	79
99133	WIRE, BOAT CABLE UL SNGL 12 GA 100' BLU MM	0 83996 99133 0	79
99134	WIRE, BOAT CABLE UL SNGL 10 GA 100' YEL MM	0 83996 99134 7	79
99135	WIRE, BOAT CABLE UL SNGL 10 GA 100' ORG MM	0 83996 99135 4	79
99234	WIRE, AUTO DUPLEX 16/2 8000' BLK,RED W/GRY JKT FR	0 83996 99234 4	86
99277	WIRE, BOAT CABLE UL MULTI 12/2 4000' RED,YEL FR	0 83996 99277 1	83
99930	LOOM, SPLIT 1/2 1100' BLK	0 83996 99930 5	41
99987	WIRE, AUTO DUPLEX 14/2 7000' BLK,RED GRY JKT FR	0 83996 99987 9	87
99990	WIRE, TC 12/6-10/1 250' W/BK,YR,GR,BR,BL,EPM	0 83996 99990 9	92
BSB1	BAGS, BOOSTER CABLE STORAGE WHTT 1/BAG	0 83996 07048 6	8

PART NO.	DESCRIPTION	UNIT UPC	PAGE NO.

