

QUICKCABLE®

Leadership in the Energy Storage Industry

FULL LINE
CATALOG 68

Key Components for Battery and DC Power



**OVER 250 NEW
PRODUCTS**

Truck & Bus



Back Up Power



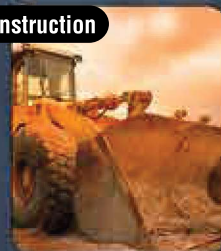
Material Handling



Agricultural



Construction



Automotive





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We are Quick Cable



Quick Cable is the leading manufacturer of connectors, cable, cable assemblies, tools and accessories for the energy storage industry. We are DC (Direct Current) specialists. Our components, assemblies, and systems are used wherever high performance and reliability are critical, in power generation, renewable energy, transportation, construction, logistics, aviation and emergency road service. We work with OEM's and aftermarket distributors to assure the safe and optimal use of energy storage.



Our customers choose Quick Cable for:

- More than 7,000 products in stock
- Same day shipment on stock product
- Value-added packaging and distribution services
- Manufacturing & distribution in both U.S. and Canada
- Engineering and technical support
- Marketing and training resources
- Custom product design and manufacturing

Our core processes include non-ferrous metal casting, stamping and machining, plastic molding, and wire and cable fabrication. We have complete design and testing capabilities. Quick Cable is registered to ISO 9001:2008.

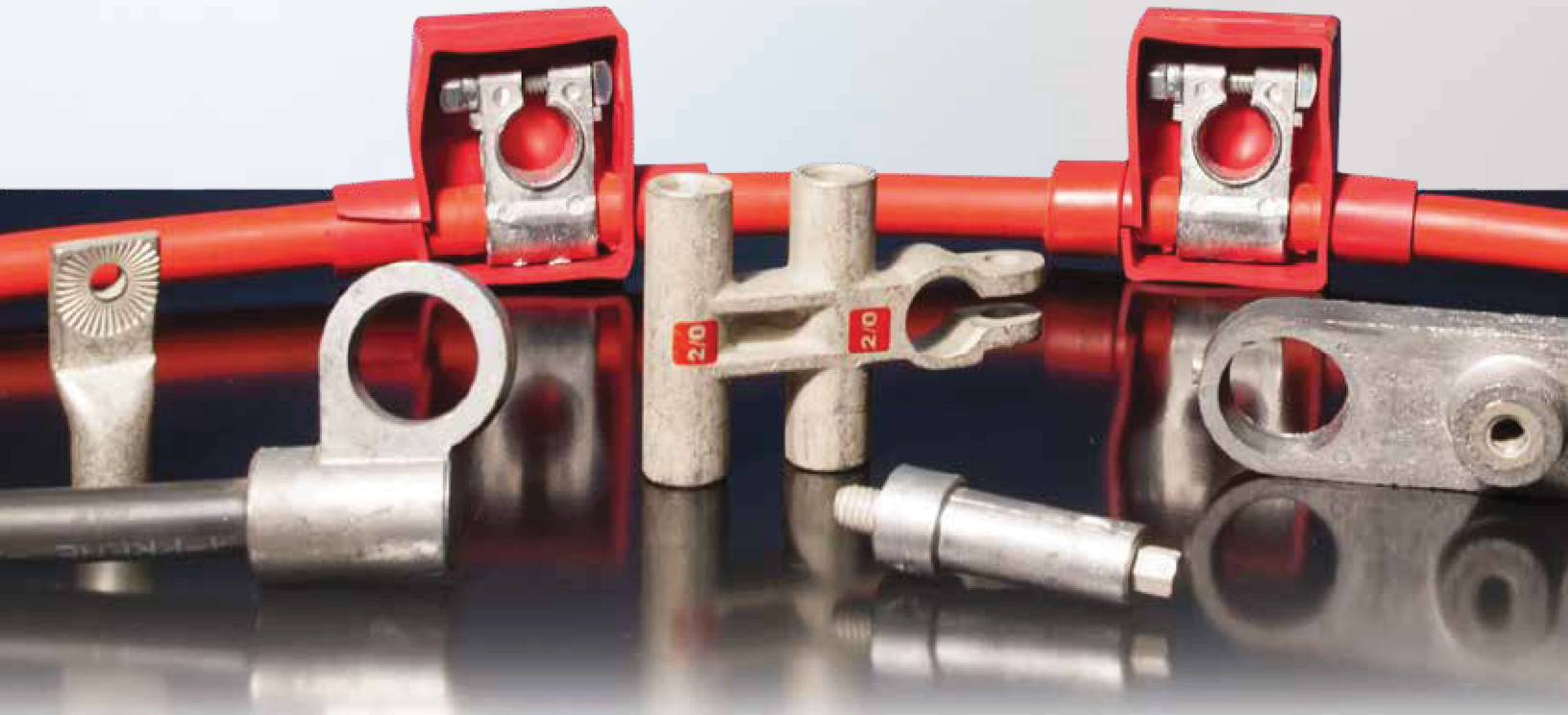


Custom Parts and Services

Electrical requirements, environmental considerations, routing space and access all affect battery installations.

That's why we specialize in custom solutions:

- Custom cable design & manufacturing
- Custom connector design & manufacturing
- Custom battery boxes and securing systems
- Online configuration tools for custom cable, acid containment systems and custom kits
- Quality and performance testing
- Part production approval (PPAP), FMEA



We Manufacture



We started as a manufacturing company in 1946 and we currently make products in the U.S. (Wisconsin) and Canada (Mississauga). We cast copper, form metal, mold plastic and build cable assemblies for high performance applications.



We are always focused on:

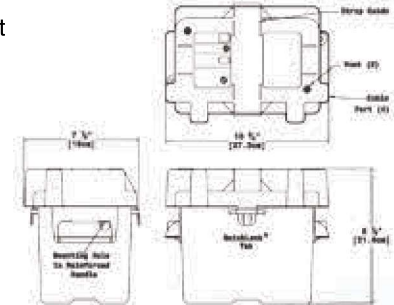
- Consistent, reliable quality
- Continuous product improvement
- Cost effectiveness
- Rapid turnaround and delivery

Our Vision

Be the most trusted partner of choice for our customers. Create significant long-term improvements in our industry.

We Engineer

We engineer our products to be a system of components designed to work together for optimum performance and long life. Our customers depend on Quick Cable to deliver mission-critical components that are reliable and durable. We are proud to provide detailed product specifications and information throughout this catalog and on our website to help our customers select the products that best fit their applications.



We Communicate



We communicate and connect with our customers. We offer electronic ordering and billing; our websites are content-rich sources of technical product and application information, plus we offer online product configuration tools for cables, containment systems and kits.

Our Mission

Increase our customer's success through our leadership & innovation in the energy storage industry.

We Innovate

We have more than 60 product patents—more than twice the number of our top three competitors combined. That's why we are the market leaders for DC power components and accessories. We bring our understanding of materials, precision processes and engineering together to deliver innovative products. Our innovative business systems make it easier, faster and more economical to do business with us.





Basic Cable Making Kits



Our Kits Make it Easy and Profitable to Build Repair/Replacement Custom Battery and Starter Cables for Vehicles and Equipment

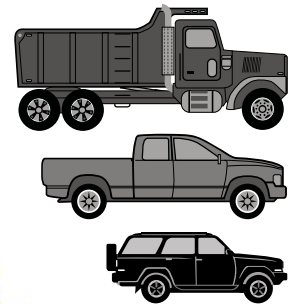
- Popular terminal sizes and styles
- Terminal crimper, cable cutter, cable stripper, heat gun
- Organizing drawer
- Battery cable

All Vehicles Starter Kits

Includes cable and components to build 4 ga., 1 ga., and 2/0 cables for lawn and garden, automotive, marine, agricultural and commercial applications



Kits



Kit 9995 comes with bench-mount tool



Description		Part No.
Kit includes: <ul style="list-style-type: none"> • Quick Crimp 250 – hand-held style • Heat gun • Cable stripper • 25' 4 ga. cable • 25' 1 ga. cable • 25' 2/0 ga. cable • 9" cutter • 24 compartment parts drawer 	131 pcs. terminal assortment: <ul style="list-style-type: none"> • Ten 1 ga. str. cla. (neg. & pos.) • Ten 4 ga. str. cla. (neg. & pos.) • Twenty 2/0 ga. str. cla. (neg. & pos.) • Eight 2/0 ga. flag cla. (neg. & pos.) • Ten 1 ga. 3/8" lugs • Ten 4 ga. 3/8" lugs • Ten 2/0 ga. 3/8" lugs • Five 2/0 ga., 1/2" lugs • Ten 3/4" blk., heat-shr. pcs. 1-1/2" • Ten 3/4" red, heat-shr. pcs. 1-1/2" • Four str., 4 ga. term. prot., blk. • Four str. 4 ga. term. prot., red • Four str. 1 & 2 ga. term. prot., blk. • Four str. 1 & 2 ga. term. prot., red • Four str. 1/0 & 2/0 ga. term. prot., blk. • Four str. 1/0 & 2/0 ga. term. prot., red • Forty-eight 5/16"-18 x 1-1/4" square head bolts and shoulder nuts 	9999
Same kit as above but with Quick Crimp 250 – bench-mount style tool.		9995



2/0 Heavy Duty Starter Kits

2/0 cable and components to build heavy-duty cables for truck, agricultural and commercial applications



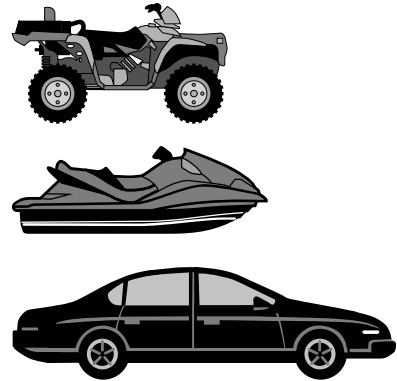
Kit 9994 comes with bench-mount tool

Description	Part No.
Kit includes: <ul style="list-style-type: none"> • Quick Crimp 250 – hand-held style • Heat gun • 9" cutter 	9998
<ul style="list-style-type: none"> • 24 compartment parts drawer • Cable stripper • 25' 2/0 gauge cable 	
143 pcs. terminal assortment: <ul style="list-style-type: none"> • Eight 2/0 ga. flag cla. (neg. & pos.) • Four 2/0 ga. stud flag clamps • Ten 2/0 ga. HD lugs 3/8" • Five 2/0 ga. HD lugs 1/2" • Ten 2/0 ga. locking lugs 3/8" • Five 2/0 ga. locking lugs 1/2" • Twenty 2/0 ga. str. cla. (neg. & pos.) • Twenty 3/4" blk., ht.-sh. pcs. 1-1/2" • Twenty 3/4" red, ht.-sh. pcs. 1-1/2" • Five str., 1/0 & 2/0 ga. term.prot., blk. 	9994
<ul style="list-style-type: none"> • Five str., 1/0 & 2/0 ga. term. prot., red • Three flag 1/0-2/0 ga. term. prot., blk • Three flag, 1/0-2/0 ga. term. prot., red • Ten 3/8" copper lugs • Ten 2/0 1/2" copper lugs • Twenty-eight 5/16"-18 x 1-1/4" square head bolts & shoulder nuts • Five 3/8"-16 closed cap nuts 	
Same kit as above but with Quick Crimp 250 – bench-mount style tool.	9994



Medium and Light Duty Starter Kits

Includes 4 and 2 gauge cable and connectors for automotive, marine, lawn and garden applications.



Description	Part No.
<p>Kit includes:</p> <ul style="list-style-type: none"> • Quick Crimp100 – hand-held style • Heat gun • 9" cutter • 24 compartment parts drawer • Cable stripper • 25' 4 gauge cable • 25' 2 gauge cable 	9947
<p>176 pcs. terminal assortment:</p> <ul style="list-style-type: none"> • Ten 2 ga. HD lugs 3/8" • Ten 4 ga. HD lugs 3/8" • Five 2 ga. lock. lugs 3/8" • Five 4 ga. lock. lugs 3/8" • Twenty 2 ga. straight clamps (neg. & pos.) • Twenty 4 ga. straight clamps (neg. & pos.) • Five 2 ga. HD lugs, 1/2" • Five 4 ga. HD lugs, 1/2" • Ten 4 ga. 3/8" copper lugs 45° bend • Ten 2 ga. 5/16" copper lugs 45° bend • Ten 3/4" blk., heat-shrink pcs. 1-1/2" • Ten 3/4" red, heat-shrink pcs. 1-1/2" • Four straight, 4 ga. terminal protectors, blk. • Four straight, 4 ga. terminal protectors, red • Four straight, 1 & 2 ga. terminal protectors, blk. • Four straight, 1 & 2 ga. terminal protectors, red • Ten 4 ga. 5/16" copper MAX lugs • Ten 4 ga. 3/8" MAX lugs • Ten 2 ga. 5/16" MAX lugs • Ten 2 ga. 3/8" MAX lugs • Forty 5/16-18 x 1-1/4" square head bolts and shoulder nuts 	
Same kit as above but with Quick Crimp 250 – bench-mount style tool	9993

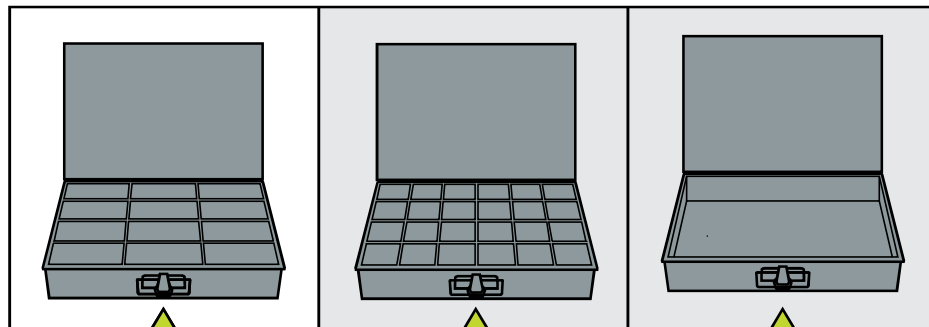


Kit 9993 comes with bench-mount tool

Kits

Use our NEW online KitFigurator to create the exact kit you need!

- ▶ Choose the components that best fit your application
- ▶ Store your configuration online for reorder or replenishment
- ▶ 2-step online order process
- ▶ Instant online quotation



Configure a 12-slot kit

Configure a 24-slot kit

Custom slot kit

www.quickcable.com/kitfigurator

Connector Kits

Heavy-Duty, Die-Cast Crimp Connector Kits



9902 kit

Fits Gauge	Kit Size	Part No.
1/0 ga.	171 pieces	9910
2/0 ga.	171 pieces	9906
4, 1, 2/0 ga.	131 pieces	9902
4, 2 ga.	176 pieces	9908

- Four different kits with components to build medium-to-light duty cables, automotive and marine, and heavy duty cables for a variety of applications
- Kits contain components needed to make O.E.M. quality cables: connectors, heat-shrink tube, fasteners and terminal protectors
- 24-compartment, durable metal box with handle and latch fits into standard fastener racks



Die-Cast Copper Compression Connector Kits

- Make permanent repairs in the field without special tools
- Choose medium or heavy duty connector assortments of lugs and battery clamps



9125 kit

9103 kit

Fits Gauge	Kit Size	Part No.
1, 2 ga.	130 pieces	9103
2/0 ga.	120 pieces	9125

Inside cover lists contents and part numbers for easy reorder and has complete illustrated assembly instructions.



9930 kit

MagnaLugs® – Heavy Wall Copper Tube Lug Kits

- Three kits for light-to-medium, heavy duty and commercial/industrial applications
- A variety of lugs, heat-shrink and butt splices are included

Fits Gauge	Kit Size	Part No.
2/0 ga.	87 pieces	9931
3/0 ga.	87 pieces	9932
4, 1 ga.	104 pieces	9930

Make a Variety of Industrial SB Connectors

- Kits include contacts, plastic housing connectors and heat-shrink so you can make cable connections as you need them
- Choose from copper crimp contacts, or copper Fusion contacts with solder and flux preloaded — no crimping required



400802 kit

Fits Gauge	Kit Size	Part No.
4, 2, 1/0, 2/0 ga.	Crimp 73 pieces	400801
2, 1/0, 2/0 ga.	Fusion™ 73 pieces	400802

QUICKHOWTO.COM™



See the videos on applying precision die cast connectors.

Kits



Field Repair and Garage Kits

Contains All Tools and Materials Necessary to Repair Cables

2/0 Gauge Heavy Duty Field Repair Kits



4 and 2 Gauge Medium/Light Duty Field Repair Kit



	Description	Part No.
Kit includes:	<ul style="list-style-type: none"> Carrying case 9" cutter 2/0 straight clamp – positive and negative 2/0 flag clamp – positive and negative 2/0 starter/gr. lug – 3/8" and 1/2" hole 3/4" heat-shrink tube – black and red 6" Terminal protector straight – black and red Terminal protector flag – black and red Square head bolts and shoulder nuts 	9920
Kit includes:	Same as above kit but also includes a Quick® Crimp 250	9921

	Description	Part No.
Kit includes:	<ul style="list-style-type: none"> Carrying case 9" cutter QuickStrip cable stripper Quick® Crimp 100 crimping tool 4 Ga. straight clamp – positive and negative 4 and 2 Ga. copper tube lug – 3/8" hole Square head bolts and shoulder nuts 	9957



6, 4 and 2 Gauge Garage Maintenance Kit



Description	Part No.
Kit includes: <ul style="list-style-type: none"> • 130 pieces • Carrying case • 9" cutter • QuickStrip cable stripper • Quick® Crimp 100 crimping tool • Angle nose pliers • Sidebolt ratchet tool • Battery terminal lifter 	<ul style="list-style-type: none"> • Clamp spreader/reamer • Battery brush • QuickCote® • 6, 4, 2 gauge connectors • Heat-shrink, protective washers • Square head bolts and shoulder nuts • 6, 4, 2 gauge cable • Side terminal bolts
	9967

Carrying Case




Description	Part No.
Carrying case*	9929

*No cable, connectors or tools included.



Custom Field Repair Kits



Description	Part No.
Kit includes: <ul style="list-style-type: none"> • Carrying case • 9" cutter • QuickStrip cable stripper • Quick® Crimp 250 crimping tool Plus: <ul style="list-style-type: none"> • Add any four bags of UL approved Quick Connectors FREE (each bag contains 5 pieces) • Add any two bags of UL approved MagnaLugs FREE (each bag contains 5 pieces) 	 CALL US TO CONFIGURE YOUR KIT! 9997-097



6 to 4 Ga. Golf Cart Connector Kit

- The most popular connectors used in golf cart battery assemblies, all organized in a convenient kit
- Make your own cables in-house and turn those repair jobs around faster and put the profits in your pocket
- Quality copper terminals, precision cast by Quick Cable in our factories



Part No.	Description
205900	Connector assortment for golf carts
Kit Contents	
10/ea. – 6 ga. pos. top post clamp	40/ea. – 5/16" - 18 1-1/4" bolt
10/ea. – 4 ga. pos. top post clamp	40/ea. – 5/16" x 18 shoulder nut
10/ea. – 6 ga. neg. top post clamp	30/ea. – 1/2" blk. heat-shrink tube
10/ea. – 4 ga. neg. top post clamp	30/ea. – 1/2" red heat-shrink tube
20/ea. – 6 ga. 5/16" MAX lug	5/ea. – 4 ga. red terminal protector
20/ea. – 4 ga. 5/16" MAX lug	5/ea. – 4 ga. blk. terminal protector
20/ea. – 6 ga. 3/8" MAX lug	1/ea. – drawer assortment box
20/ea. – 4 ga. 3/8" MAX lug	1/ea. – custom cable poster

6 to 4 Ga. Custom Golf Cart Cable Starter kit

- Dealing with an unusual model with special order cable's? No problem when you can fabricate what you need in-house – and pocket the extra profits
- Make the cables you need when you need them
- Kit includes everything you need – cable, tools, heat gun, terminals, protectors, heat-shrink tubing and hardware



Part No.	Description
205910	4 to 6 gauge, custom starter kit for golf carts
Kit Contents	
25' roll – 6 ga. black welding Cable	20/ea. – 5/16" x 18 shoulder nut
25' roll – 6 ga. red welding Cable	20/ea. – 1/2" blk. heat-shrink tube
25' roll – 4 ga. black welding Cable	20/ea. – 1/2" red heat-shrink tube
25' roll – 4 ga. red welding Cable	5/ea. – 4 ga. red terminal protector
5/ea. – 6 ga. pos. top post clamp	5/ea. – 4 ga. blk. terminal protector
5/ea. – 4 ga. pos. top post clamp	1/ea. – heat gun
5/ea. – 6 ga. neg. top post clamp	1/ea. – 9" cable cutter
5/ea. – 4 ga. neg. top post clamp	1/ea. – bench mount crimping tool
20/ea. – 6 ga. 5/16" MAX lug	1/ea. – stripping tool
20/ea. – 4 ga. 5/16" MAX lug	1/ea. – drawer assortment box
20/ea. – 6 ga. 3/8" MAX lug	4/ea. – dividers for box
20/ea. – 4 ga. 3/8" MAX lug	1/ea. – custom cable poster
20/ea. – 5/16" - 18 1-1/4" bolt	

Storage Racks and Drawers

- Organize your connectors and accessories
- Drawer measures 18" x 12" x 3" and fits all major storage racks
- 12 or 24 compartments (24 shown)
- Rustproof plastic liners have rounded bottoms for easy parts removal
- Made of steel with acid-resistant enamel paint

Fig.	Description	Part No.
Not shown	Steel drawer 18" x 12" x 3" with handle & latch, gray baked enamel, 12 compartments	9900
1	Steel drawer 18" x 12" x 3" with handle and latch, gray baked enamel, 24 compartments	9901
2	4 level rack for storage drawer, easy glide slides, all steel construction	9903



Fig. 1



Fig. 2



Route Service Connector Kits

- Designed for route service vehicles
- You pick drawer assortment based on your market
- 4-drawer rack



403103 accessories drawer



6190 Weather Pack Kit



105900 MAX Lugs drawer

Part No.	Description
403102	Solderless terminal ring and butt heat-shrink drawer
Kit Contents	
Heat-shrink ring: <ul style="list-style-type: none"> • 100 #10 22-18 gauge • 100 1/4" 22-18 gauge • 100 3/8" 22-18 gauge • 100 #10 16-14 gauge • 100 1/4" 16-14 gauge • 100 3/8" 16-14 gauge 	<ul style="list-style-type: none"> • 100 #10 12-10 gauge • 100 3/8" 12-10 gauge Heat-shrink butt connector: <ul style="list-style-type: none"> • 100 22-18 gauge • 100 16-14 gauge • 100 12-10 gauge

Part No.	Description
403103	Battery accessories drawer
Kit Contents	
<ul style="list-style-type: none"> • 1 3/8"-16 stud nut ss (10 pc./bg.) • 1 unv. top post term. (10 pc./bg.) • 1 5/16"-18 x 1-1/4" b & n (10 pc./bg.) Heat-shrink: <ul style="list-style-type: none"> • 1 3/8" blk. 1.5" (10 pc./bg.) • 1 3/8" red 1.5" (10 pc./bg.) • 1 3/4" xhd blk. 1.5" (10 pc./bg.) • 1 3/4" xhd red 1.5" (10 pc./bg.) • 1 1-1/8" xhd blk. 1.5" (10 pc./bg.) • 1 1-1/8" xhd red 1.5" (10 pc./bg.) S/t bolt:	<ul style="list-style-type: none"> • 1 accessory (10 pc./bg.) • 1 3/8"-16 x 13/32" (10 pc./bg.) • 1 3/8"-16 x 1" (10 pc./bg.) • 2 2/0 gauge neg. (5 pc./bg.) • 2 2/0 gauge pos. (5 pc./bg.) • 1 4/0 gauge neg. (5 pc./bg.) • 1 4/0 gauge pos. (5 pc./bg.) Lead terminal: <ul style="list-style-type: none"> • 1 marine 3/8" (5 pc./bg.) • 1 marine 5/16" (5 pc./bg.) • 1 s/t unv. (10 pc./bg.)

Part No.	Description
403105	Quick® connector drawer
Kit Contents	
Clamp crimp: <ul style="list-style-type: none"> • 1 1 gauge neg. (5 pc./bg.) • 1 1 gauge pos. (5 pc./bg.) • 1 2 gauge unv. (5 pc./bg.) • 1 4 gauge unv. (5 pc./bg.) • 1 1/0 gauge neg. (5 pc./bg.) 	<ul style="list-style-type: none"> • 1 1/0 gauge pos. (5 pc./bg.) • 2 2/0 gauge neg. (5 pc./bg.) • 2 2/0 gauge pos. (5 pc./bg.) • 1 4/0 gauge neg. (5 pc./bg.) • 1 4/0 gauge pos. (5 pc./bg.)

Part No.	Description
6190	Weather Pack terminal kit
Kit Contents	
<ul style="list-style-type: none"> • 50 green conn. 280 seal (500/pkg.) • 1 OEM crimp tool Weather Pack: <ul style="list-style-type: none"> • 10 1-way blk. shrd. fem. (100/pk.) • 10 1-way blk. shrd. male (100/pk.) • 10 2-way blk. fem. (50/pk.) • 10 2-way blk. shrd. mle. (100/pk.) • 5 3-way blk. fem. (750/pk.) • 5 3-way blk. shrd. mle. (100/pk.) • 5 4-way blk. fem. (50/pk.) • 5 4-way blk. shrd. male (100/pk.) • 5 3-way blk. fem. (50/pk.) 	<ul style="list-style-type: none"> • 5 3-way blk. shrd. male (50/pk.) • 50 18-20 gauge male i-pin (200/pk.) • 50 18-20 ga. term. fem. w/p slv. (200/pk.) • 50 16-14 gauge i-pin (220/pk.) • 50 16-14 gauge fem. slv. (2200/pk.) • 50 12 gauge i-pin male (200/pk.) • 50 12 gauge slv. tin fem. (200/pk.) Cable seals: <ul style="list-style-type: none"> • 50 18-20 gauge green indiv (500/pk.) • 50 16-14 gauge lgt. grey (500/pk.) • 50 12 gauge blue (500/pk.)

Part No.	Description
105900	MAX™ Lug kit
Kit Contents	
Copper lug: <ul style="list-style-type: none"> • 10 8 gauge lug 1/4" stud tin • 10 8 gauge 5/16" stud tin • 10 8 gauge 3/8" stud tin • 10 6 gauge 1/4" stud tin • 10 6 gauge 5/16" stud tin • 10 6 gauge 3/8" stud tin • 5 4 gauge 1/4" stud tin • 5 4 gauge 5/16" stud tin • 5 4 gauge 3/8" stud tin • 5 4 gauge 1/2" stud tin 	<ul style="list-style-type: none"> • 5 1 gauge 5/16" stud tin • 5 1 gauge 3/8" stud tin • 5 1 gauge 1/2" stud tin • 5 1/0 gauge 5/16" stud tin • 5 1/0 gauge 3/8" stud tin • 5 1/0 gauge 1/2" stud tin • 5 2/0 gauge 5/16" stud tin • 10 2/0 gauge 3/8" stud tin • 10 2/0 gauge 1/2" stud tin • 5 4/0 gauge 3/8" stud tin • 5 4/0 gauge 1/2" stud tin

Part No.	Description
9063	Fusion™ Solder kit
Kit Contents	
<ul style="list-style-type: none"> • 30 1set nuts & bolts for term. (1 set) • 1 bat. side post brush (200/crtn.) • 1 flux (2 oz.) Solder Clamps: <ul style="list-style-type: none"> • 5 1/0 negative (1 ea.) • 5 1/0 positive (1 ea.) • 5 2/0 negative (1 ea.) • 5 2/0 positive (1 ea.) • 5 1 & 2 ga. neg. (1 ea.) 	<ul style="list-style-type: none"> • 5 1 & 2 ga. pos. (1 ea.) Heat-shrink: <ul style="list-style-type: none"> • 20 3/4" black (1.5" pre-cut) • 20 3/4" red (1.5" pre-cut) Lugs: <ul style="list-style-type: none"> • 5 1 & 2 gauge 3/8" HD slidr. (1 ea.) • 5 1/0 3/8" HD slidr lug (1 ea.) • 5 2/0 3/8" HD slidr. lug (1 ea.)





NEW!

Workstations and Accessories

4,000 lb. Capacity Workbench

- 30" x 60", back and end stops, pegboard riser welded to back
- Ideal for custom cable workstations
- Top is 12 gauge thick reinforced steel
- Item is special order and drop shipped freight collect
- Call for availability and delivery information

Description	Part No.
4000 lb. capacity workbench	9950



Tools, wire and accessories shown for example only and not included with workbench

Kits



Mobile Wire Maintenance Cart

Easily Transportable and Allows for Multiple Types of Wire to Be Efficiently Organized and Mobile



Side shelves, bins and wire spools shown for example only and not included

- Perfect for maintenance facilities and construction sites
- An excellent way to gain efficiency and space
- Heavy duty, all welded 14 gauge steel construction
- 5" x 1-1/4" polyurethane bolt-on casters, 2 swivel and 2 rigid
- Louvered panels on both ends
- Capacity up to 1,200 lbs.
- Eight 23" removable rods accommodate wire spools
- 7-1/2" between rods, larger spools can be accommodated if some rods are removed
- Four wire guides hang below the work surface
- Durable, gray powder coat finish

Description	Part No.
Mobile wire maintenance cart	9974

Wire and Terminal Storage Cabinet

- Accommodates twenty four, 3-1/2" spools
- 6 rods for wire spools, perfect for maximizing your small wire storage
- Wire grommets accommodate up to 10 gauge wire and keep wires free from tangling
- Ships fully assembled
- Durable, gray powder coat finish
- Has 10" x 15" parts drawer with 21 compartments



Wire not included

Description	Part No.
Wire and terminal storage cabinet	9973

Wire Spool Racks

- Prime, cold rolled steel construction
- Includes polished steel rods (5/8" diameter)
- Easy to store different sized spools on the same rod
- 9961 can accommodate up to 10" diameter spools
- Punched side panels allow quick spool changes
- Has keyhole slots for wall mounting
- Durable, gray powder coat finish



9961



9962

Wire not included

Description	Part No.
26-1/8" x 6" x 37-1/8" rack	9961
26-1/8" x 6" x 17-1/8" rack	9962

Kits



What are the Different Types of Battery Connectors and Lugs?

Precision Die Cast – Quick® Connectors



Designed to perform under the most demanding conditions: heat, vibration, corrosive chemicals. Quick Cable's proprietary alloy used in our precision die cast connectors provides:

- Precise dimensions to fit battery posts for maximum contact
- Best balance of conductivity and durability
- Maximum fatigue resistance, impact strength and ductility
- UL and CUL listed when crimped with Quick Crimp tools
- Made in U.S.A.
- Meet RoHS standards; meets California Prop 65
- Permanent gauge printing for easy identification
- Tin plated to resist corrosion
- Available as standard battery clamps and lugs that can be crimped or soldered
- Available as Fusion connectors with solder and flux pre-loaded in the barrel for easy soldering
- Also available as Quick Compression connectors to make permanent repairs without specialized tools
- Many styles available in gauges from 8 gauge to 250 MCM



Heavy Duty Copper Tube – MagnaLug®



Quick Cable's MagnaLug line is the heavy duty, high quality, high performance series of copper tube lugs, designed for trucks, buses, agriculture, construction, mining, and other severe duty installations.

- Made of 100% copper, tin plated for added conductivity and to resist corrosion
- UL and CUL listed when crimped with Quick Crimp tools
- Wider and thicker pad than standard copper tube lugs for more contact area and greater strength
- Permanent gauge printing for easy identification
- Tin plated to resist corrosion
- RoHS compliant
- Available in a variety of configurations: standard lugs, bent, angled, NEMA, and as butt splice tubes
- Available as Fusion connectors with solder and flux preloaded in the barrel for easy soldering
- Many styles available in gauges from 8 to 4/0 gauge
- Made in U.S.A.





Copper Tube MAX™ Lugs

RoHS

Quick Cable's standard line of copper tube lugs feature seamless construction and quality details you don't always find in OEM quality parts.

- Seamless 100% copper tube construction
- Most styles UL and CUL listed when crimped with Quick Crimp tools
- Flared barrels for easy installation on cables
- Stud holes from #10 to 1/2"
- Available in a variety of configurations including straight and angled lugs, and butt splice tubes
- Tin plated to resist corrosion, also available without plating
- Many styles available in gauges from 8 to 4/0
- RoHS compliant



Brazed Seam Copper Lugs

RoHS

Brazed seam copper lugs are a great choice for certain applications and they still come with tin plating for corrosion protection and in a variety of sizes.

- UL and CUL listed
- Crimp or solder
- Stud holes from #10 to 3/4"
- Available as ring terminals, flag terminals and butt splices
- Many styles available in gauges from 8 to 4/0
- RoHS compliant



Automotive, Marine, Military & Specialty Terminals

Quick Cable offers a variety of battery terminals for specific applications, including high-volume retail carded products.

- Clamp-type terminals available in lead and brass, and lead with epoxy coat
- Military style terminals feature long bolt for additional connections
- Marine terminals available in lead, epoxy coated lead, and brass with plated fasteners
- OEM style band lead-free terminals in a variety of configurations



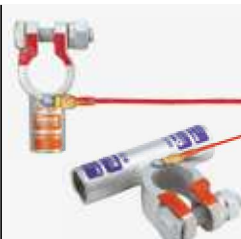
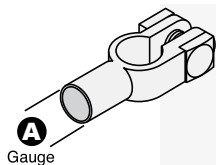
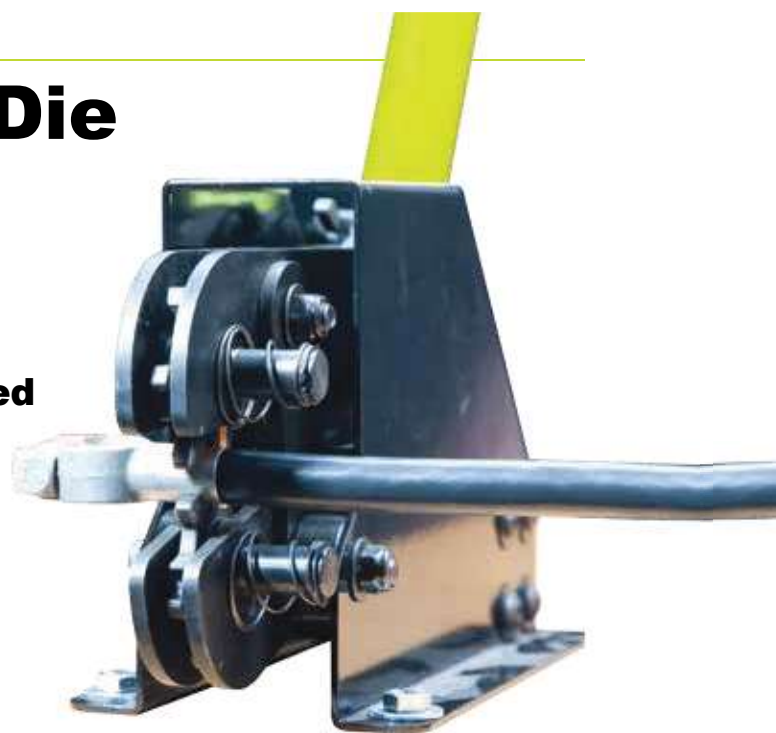
Connectors



Copper Precision Die Cast Connectors – Quick Connectors

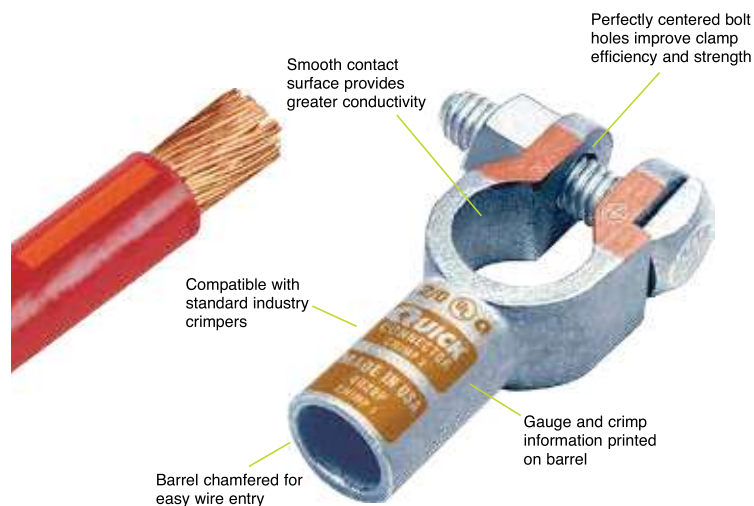
The Only Battery Connectors that Exceed SAE Standards, are  Listed and Made in U.S.A.

- Made of cast copper alloy, tin-plated for added conductivity and corrosion resistance
- 25 times better than SAE conductivity standard, J163 and J1811
- Permanent, indelible, readable gauge and polarity stamped on clamp
- Fasteners included
- Kits are available
- UL® STD 486A and CUL, when applied with Quick Crimp 250 (4255, 4255M, 4255R and 4255MR standard and ratchet versions)



A Gauge		Straight Clamp			Right Elbow		Left Elbow		Flag Connector		Connectors with Accessory Take-Off	
AWG	mm ²	+	-	U	+	-	+	-	+	-	+	+
8	8	4008P	4008N	4008U	-	-	-	-	-	-	-	-
6	13	4006P	4006N	4006U	4106P	4106N	4206P	4206N	-	-	-	-
4	19	4004P	4004N	4004U	4104P	4104N	4204P	4204N	-	-	-	-
2	32	4002P	4002N	4002U	4102P	4102N	4202P	4202N	4302P	4302N	-	-
1	40	4001P	4001N	-	4101P	4101N	4201P	4201N	4301P	4301N	-	-
1/0	50	4010P	4010N	-	4110P	4110N	4210P	4210N	4310P	4310N	-	4310PA
2/0	62	4020P	4020N	-	4120P	4120N	4220P	4220N	4320P	4320N	4020PA	4320PA
3/0	81	4030P	4030N	-	4130P	4130N	4230P	4230N	4330P	4330N	-	4330PA
4/0	103	4040P	4040N	-	4140P	4140N	4240P	4240N	4340P	4340N	-	-
250 MCM	126	4060P	4060N	-	4160P	4160N	4260P	4260N	4360P	4360N	-	-

Connectors



Connectors with Accessory Take-Off

- Connector is drilled, tapped and furnished with screw connection for accessory take-off





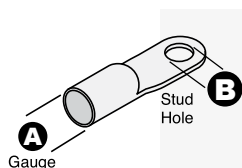
Stud Terminal/Stud Flag Stackable & Locking

- Use with stud batteries; enables multiple battery hook up
- Stackable, 36-position anti-rotation teeth bite into lead for positive hold
- Connectors of different cable gauge can be mixed for maximum application and layout flexibility
- Use 3/8"-16 closed cap nut to terminate
- For preassembled lugs and cable see QuickLinks™



Add-On Connectors

- Safe professional method of installing additional connectors
- Add-on connector stud size is 3/8"-16 x 11/16"
- Connect heavy duty accessories such as winches
- Use 3/8"-16 closed cap nut to terminate



A Gauge		Heavy Wall Lug			3/8" (10 mm) Crimpable Side Terminal Connector	Stud Terminal Locking		Stud Flag Locking	Add-On Connector	
		B Stud Hole				B Stud Hole			Right	Left
AWG	mm²	5/16" (8 mm)	3/8" (10 mm)	1/2" (12 mm)	3/8" (10 mm)	1/2" (12 mm)				
8	8	4808E	4808F	4808H	-	-	-	-	-	-
6	13	4806E	4806F	-	-	4906F	-	-	-	-
4	19	4804E	4804F	4804H	100653F	4904F	-	-	-	-
2	32	-	4802F	4802H	-	4902F	4902H	-	-	-
1	40	-	4801F	4801H	100655F	4901F	4901H	-	-	-
1/0	50	-	4810F	4810H	-	4910F	4910H	4510F	3710U	3410U
2/0	62	-	4820F	4820H	-	4920F	4920H	4520F	3720P, 3720N	3420P, 3420N
3/0	81	-	4830F	4830H	-	4930F	4930H	4530F	3730U	3430U
4/0	103	-	4840F	4840H	-	4940F	4940H	-	3740P	3440P
250 MCM	126	-	4860F	4860H	-	-	-	-	-	-

Heavy Wall Copper Lugs

- Heavy wall cast copper alloy lug
- Stronger than copper tube lugs
- Raised pad prevents shorts
- Tin-plated for corrosion resistance



Crimpable Side Terminal Connector

- Specially formed to accept side terminal battery connectors



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See the videos on applying precision die cast connectors.



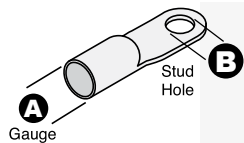


Fusion®

Copper Precision Die Cast Connectors

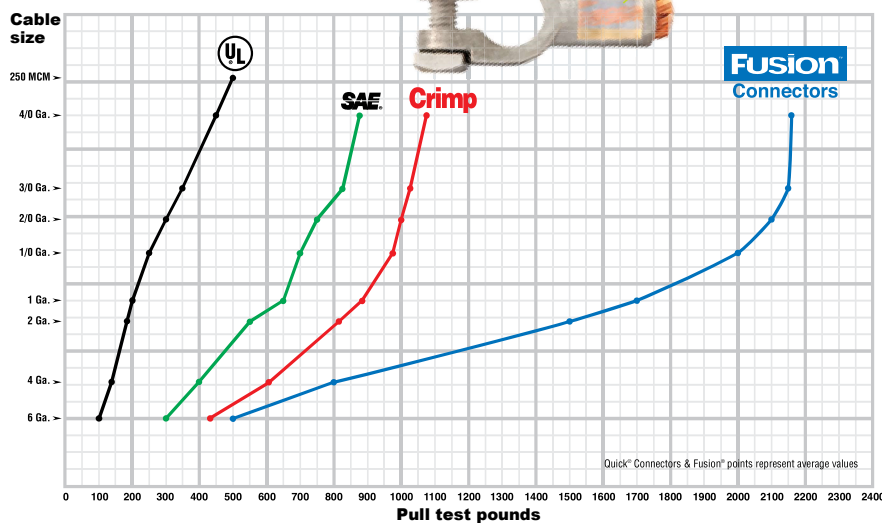
Ideal for Field Repairs, Solder and Flux Preloaded in Barrel

- No learning curve – if you can use a torch, you can make a quality connection
- Made of cast copper alloy, tin-plated for added conductivity and to resist corrosion
- Superior reliability for years of dependable service
- Up to 70% stronger than crimp method
- More consistent quality than any other solder method
- Especially good in presence of destructive vibration or corrosive chemicals
- Faster, less confusing and less costly than multi-component solder slug programs
- Fasteners included
- Kits are available



A Gauge		Straight Clamp		Right Elbow		Left Elbow		Flag Connector		Heavy Wall Lug	
AWG	mm ²	+	-	+	-	+	-	+	-	B Stud Hole	
		Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	3/8" (10 mm)	1/2" (12 mm)
6 & 4	13 & 19	406304P	406304N	-	-	-	-	-	-	486304F	486304H
2 & 1	32 & 40	406301P	406301N	416301P	416301N	426301P	426301N	436301P	436301N	486301F	486301H
1/0	50	406310P	406310N	416310P	416310N	426310P	426310N	436310P	436310N	486310F	486310H
2/0	62	406320P	406320N	416320P	416320N	426320P	426320N	436320P	436320N	486320F	486320H
3/0	81	406330P	406330N	416330P	416330N	426330P	426330N	436330P	436330N	486330F	486330H
4/0	103	406340P	406340N	416340P	416340N	426340P	426340N	436340P	436340N	486340F	486340H

Relative Pull-Out Strength Comparison



FUSION® Flags Are Ideally Suited for Building or Repairing Cable Harnesses



- Truly solderable flags are a FUSION® exclusive, no other solder connector program offers flags or has this capability
- FUSION® barrels are unslotted, so no wire is exposed
- Use with heat-shrink tubing for maximum durability



Connectors

Compression Copper Precision Die Cast Connectors

Ideal for Field Repairs, No Special Tools Required

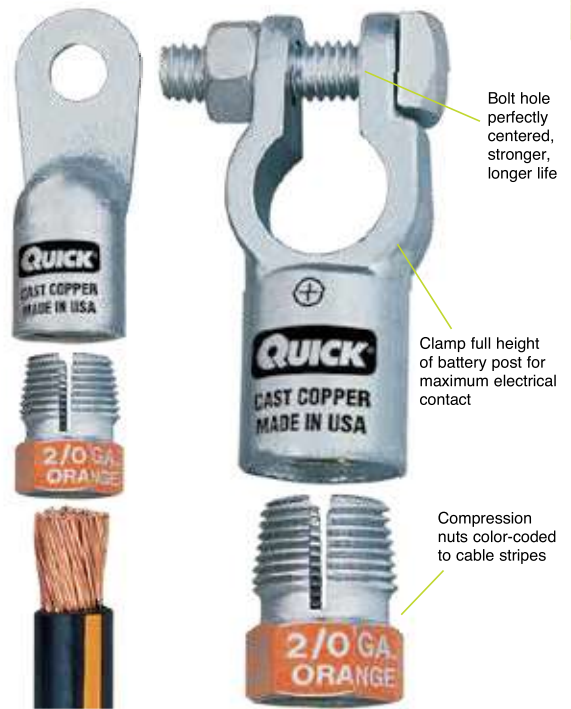
- Made of cast copper alloy, tin-plated for added conductivity and corrosion resistance
- All clamps, lugs, compression nuts and fasteners are tin-plated
- Compression nuts color coded to industry standard
- Fasteners included
- Made in U.S.A.

QUICKHOWTO.COM™



See the videos on applying Fusion and Compression connectors.

RoHS



A Gauge		Straight Clamp			Right Elbow		Left Elbow		Flag Connector			Heavy Wall Lug	
AWG	mm ²	+	-	U	+	-	+	-	+	-	U	B Stud Hole	
		Positive	Negative	Universal	Positive	Negative	Positive	Negative	Positive	Negative	Universal	3/8" (10 mm)	1/2" (12 mm)
6	13	5006P	5006N	5006U	-	-	-	-	-	-	-	5806F	5806H
4	19	5004P	5004N	5004U	5104P	5104N	5204P	5204N	5304P	5304N	5304U	5804F	5804H
2 & 1	32 & 40	5002P	5002N	5002U	5102P	5102N	5202P	5202N	5302P	5302N	5302U	5802F	5802H
1/0	50	5010P	5010N	5010U	5110P	5110N	5210P	5210N	5310P	5310N	5310U	5810F	5810H
2/0	62	5020P	5020N	5020U	5120P	5120N	5220P	5220N	5320P	5320N	5320U	5820F	5820H
3/0	81	5030P	5030N	5030U	5130P	5130N	5230P	5230N	5330P	5330N	5330U	5830F	5830H
4/0	103	5040P	5040N	5040U	-	-	-	-	5340P	5340N	5340U	5840F	5840H

Four Easy Steps Quick Installation Uses Ordinary Hand Tools

Compression Nut		
A Gauge		Part No.
AWG	mm ²	
6	13	6106
4	19	6104
2 & 1	32 & 40	6102
1/0	50	6110
2/0	62	6120
3/0	81	6130
4/0	103	6140



- Strip 7/8" (22 mm) of insulation from the cable end. (1-1/8" for 3/0 and 4/0 gauge.)



- Insert bare wire into compression nut.



- Thread connector on compression nut.



- Hold compression nut using wrench. Rotate connector down until the compression nut is seated.

Connectors



MagnaLug® – Heavy Duty Copper Tube for Truck, Bus, Farm and Construction Equipment

- Made of 100% copper, tin-plated for added conductivity and to resist corrosion
- Heavy wall copper lugs have heavier wall than standard lugs
- Wider pad for better electrical contact and thicker pad for greater strength and conductivity
- Elbows and bent lugs are designed to reduce cable stress in confined space
- Excellent for commercial and industrial applications
- Exceeds SAE conductivity standards J163 and J1811
- Conforms to TMC Recommended Practice RO104A, American Trucking

Association, for closed eyelet terminals with anti-rotation feature (6200 and 6500 series)

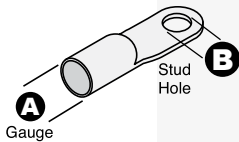
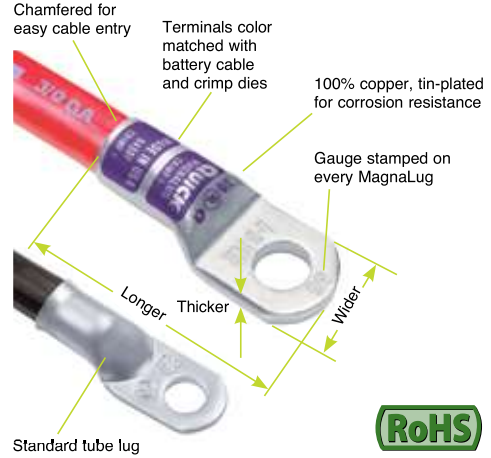
- MagnaLugs® are listed by UL/CUL (UL STD 486A) when applied with Quick Cable crimp tools 4255, 4255R, 4255MR and 4255M



QUICKHOWTO.COM™



See the videos featuring MagnaLug connectors.



A Gauge		Starter/Ground Lug				45° Lug				90° Lug				Locking, Anti-Rotating Stackable Lug		
AWG	mm ²	Stud Hole				B Stud Hole				Single	Single	Dual				
		1/4" (6 mm)	5/16" (8 mm)	3/8" (10 mm)	1/2" (12 mm)	3/8" (10 mm)	1/2" (13 mm)	3/8" (10 mm)	1/2" (12 mm)	B Stud Hole						
										5/16" (8 mm)	3/8" (10 mm)	3/8" (10 mm)				
8	8	6408D	6408E	6408F	–	6408FV	–	6408FL	–	–	–	–				
6	13	6406D	6406E	6406F	–	6406FV	–	6406FL	–	6206E	–	–				
4	19	6404D	6404E	6404F	6404H	6404FV	6404HV	6404FL	6404HL	6204E	–	–				
2 & 1	32 & 40	6401D	6401E	6401F	6401H	6401FV	6401HV	6401FL	6401HL	6201E	6201F	–				
1/0	50	6410D	6410E	6410F	6410H	6410FV	6410HV	6410FL	6410HL	–	6210F	6510F				
2/0	62	6420D	6420E	6420F	6420H	6420FV	6420HV	6420FL	6420HL	–	6220F	6520F				
3/0	81	6430D	6430E	6430F	6430H	6430FV	6430HV	6430FL	6430HL	–	6230F	6530F				
4/0	103	6440D	6440E	6440F	6440H	6440FV	6440HV	6440FL	6440HL	–	6240F	6540F				



Retro Fit End Connectors and In-Line Dual Cable

- Replacement terminal for threaded stud or side terminal batteries
- Available as dual cable or end terminal
- 3/8" stud hole
- Use with closed cap nuts for stud battery applications or 3/8" flange bolt for side terminal batteries

A Gauge		Right Elbow	Left Elbow	Butt Splice		Retro Fit End Terminal	Retro Fit Dual Cable
AWG	mm ²	B Stud Hole		Regular	Extra Long	B Stud Hole	
		3/8" (10 mm)				3/8" (10 mm)	
6	13	6308F	6318F	–	–	–	–
4	19	6309F	6319F	6804	102455	–	–
2 & 1	32 & 40	6310F	6320F	6801	102456	–	–
1/0	50	6311F	6321F	6810	102457	102560	102660
2/0	62	6312F	6322F	6820	102458	102570	102670
3/0	81	6313F	6323F	6830	102459	102580	102680
4/0	103	6314F*	6324F*	6840	102460	–	–

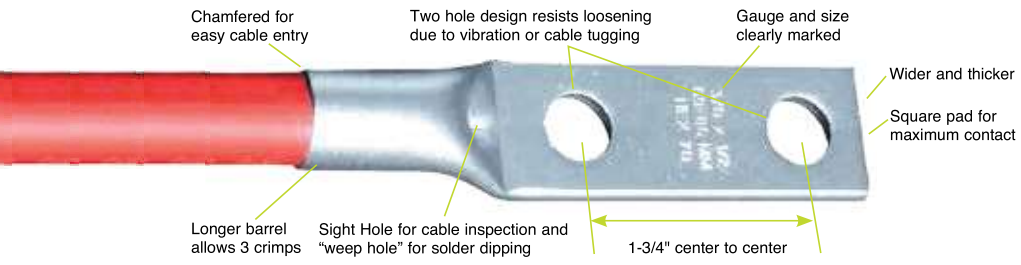
*Available with 5/16" hole, see price list





MagnaLug® Industrial Style – Heavy Duty Copper Tube

for Commercial and Electrical Equipment



- For telecom, UPS, utilities and electric generators
- For fire, rescue, ambulance and other emergency vehicles
- Ideal for industrial applications, lift trucks and terminal blocks



A Gauge		IND Sight Hole Lug				Starter/Ground Lug				NEMA Two Hole Lug – 1-3/4" Center-to-Center	
AWG	mm ²	B Stud Hole				B Stud Hole				B Stud Hole	
		1/4" (6 mm)	5/16" (8 mm)	3/8" (10 mm)	1/2" (12 mm)	1/4" (6 mm)	5/16" (8 mm)	3/8" (10 mm)	1/2" (12 mm)	3/8" (10 mm)	1/2" (12 mm)
4	19	8904D	8904E	8904F	8904H	8804D	8804E	8804F	8804H	–	–
2 & 1	32 & 40	8901D	8901E	8901F	8901H	8801D	8801E	8801F	8801H	–	–
1/0	50	8910D	8910E	8910F	8910H	8810D	8810E	8810F	8810H	102707	102717
2/0	62	8920D	8920E	8920F	8920H	8820D	8820E	8820F	8820H	102708	102718
3/0	81	8930D	8930E	8930F	8930H	8830D	8830E	8830F	8830H	102709	102719
4/0	103	8940D	8940E	8940F	8940H	8840D	8840E	8840F	8840H	102710	102720

NEW! Heavy Wall MCM Lugs – for Stationary Battery Installations, Telecom, UPS, Utility



- Long barrel design for 2 crimp locations
- Designed specifically for fine stranded cables
- Has sight hole and flared barrel end for easier fitting on cable
- Bright tin plating to resist corrosion
- Permanent printing for die requirement, gauge size



A Gauge		Single Hole	Two Hole Lug – 1" Center-to-Center	Two Hole Lug – 1-3/4" Center-to-Center
AWG	mm ²	B Stud Hole	B Stud Hole	B Stud Hole
		3/8" (10 mm)	3/8" (10 mm)	1/2" (13 mm)
250 MCM	126.6	645250	645251	645252
262 MCM	132.7	645260	645261	645262
313 MCM	158.9	645280	645281	645282
350 MCM	177.3	645290	645291	645292
373 MCM	188.9	645300	645301	645302
500 MCM	253.4	645320	645321	645322
535 MCM	271.1	645330	645331	645332
777 MCM	393.7	645370	645371	645372

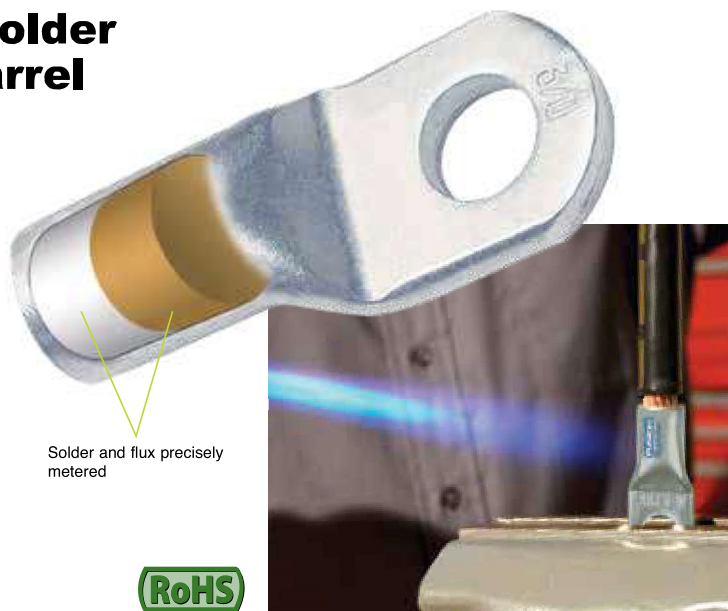
Connectors



Fusion® Solder MagnaLugs®

Ideal for Field Repairs, Solder and Flux Preloaded in Barrel

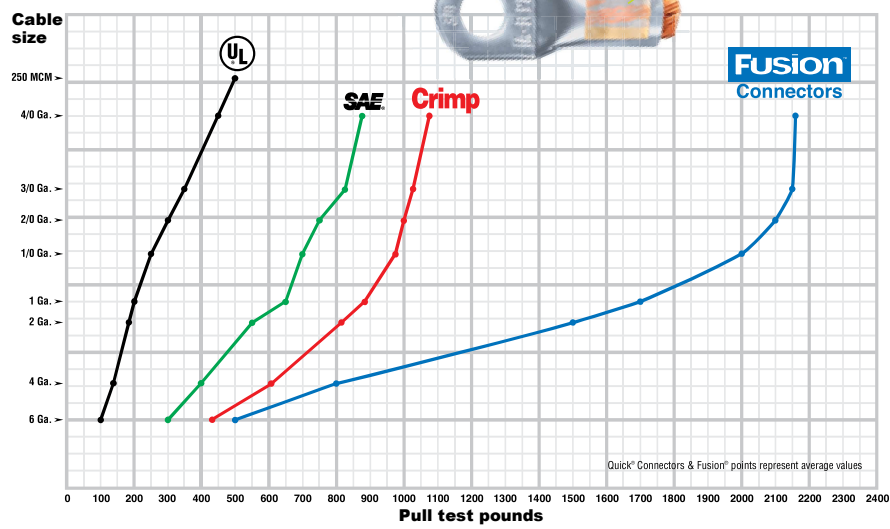
- No learning curve – if you can use a torch, you can make a quality connection
- Made of heavy wall 100% copper tube for added conductivity and to resist corrosion
- Wider pad for better electrical contact and thicker pad for greater strength and conductivity
- Up to 70% stronger than crimp method
- More consistent quality than any other solder method
- Especially good in presence of destructive vibration or corrosive chemicals
- Faster, less confusing and less costly than multi-component solder slug programs
- Kits available



A Gauge		Starter/ground Lug				Right Elbow	Left Elbow	Locking, Anti-Rotating Lug		Butt Splice
		B Stud Hole						B Stud Hole		
AWG	mm ²	1/4" (6 mm)	5/16" (8 mm)	3/8" (10 mm)	1/2" (12 mm)	3/8" (10 mm)	3/8" (10 mm)	B Stud Hole		
								3/8" (10 mm)	3/8" (10 mm)	
2 & 1	32 & 40	141106	141116	141126	141136	–	–	141316	–	–
1/0	50	141107	141117	141127	141137	141207	141217	141317	141307	141410
2/0	62	141108	141118	141128	141138	141208	141218	141318	141308	141420
3/0	81	141109	141119	141129	141139	141209	141219	141319	141309	141430
4/0	103	141110	141120	141130	141140	141210	141220	141320	141310	141440

Connectors

Relative Pull-Out Strength Comparison



MAX™ Copper Tube Lugs

100% Copper Tube Construction

- Seamless 100% copper tube construction
- Flared barrels can be crimped or soldered
- Ideal for general wiring as well as starter or ground connections



A Gauge		Straight Lugs – Tin Plated					45° Lugs – Tin Plated				90° Lugs – Tin Plated			
		B Stud Hole					B Stud Hole				B Stud Hole			
AWG	mm²	#10	1/4" (6 mm)	5/16" (8 mm)	3/8" (10 mm)	1/2" (12 mm)	1/4" (6 mm)	5/16" (8 mm)	3/8" (10 mm)	1/2" (12 mm)	1/4" (6 mm)	5/16" (8 mm)	3/8" (10 mm)	1/2" (12 mm)
8	8	5950C	5950D	5950E	5950F	5950H	5950DV	–	–	–	5950DL	–	–	–
6	13	5951C	5951D	5951E	5951F	5951H	5951DV	–	–	–	5951DL	–	–	–
4	19	5952C	5952D	5952E	5952F	5952H	5952DV	5952EV	5952FV	5952HV	5952DL	5952EL	5952FL	5952HL
2	32	–	5953D	5953E	5953F	5953H	5953DV	5953EV	5953FV	5953HV	5953DL	5953EL	5953FL	5953HL
1	40	–	5954D	5954E	5954F	5954H	5954DV	5954EV	5954FV	5954HV	5954DL	5954EL	5954FL	5954HL
1/0	50	–	5955D	5955E	5955F	5955H	5955DV	5955EV	5955FV	5955HV	5955DL	5955EL	5955FL	5955HL
2/0	62	–	5956D	5956E	5956F	5956H	5956DV	5956EV	5956FV	5956HV	5956DL	5956EL	5956FL	5956HL
3/0	81	–	5957D	5957E	5957F	5957H	5957DV	5957EV	5957FV	5957HV	5957DL	5957EL	5957FL	5957HL
4/0	103	–	5958D	5958E	5958F	5958H	5958DV	5958EV	5958FV	5958HV	5958DL	5958EL	5958FL	5958HL



A Gauge		Straight Lugs – Unplated					Copper Butt Splice – Tin Plated
		B Stud Hole					
AWG	mm²	#10	1/4" (6 mm)	5/16" (8 mm)	3/8" (10 mm)	1/2" (12 mm)	
8	8	105015	105016	105017	105018	105019	6649
6	13	105035	105036	105037	105038	105039	6650
4	19	–	105056	105057	105058	105059	6651
2	32	–	105076	105077	105078	105079	6652
1	40	–	105096	105097	105098	105099	6653
1/0	50	–	105116	105117	105118	105119	6654
2/0	62	–	105136	105137	105138	105139	6655
3/0	81	–	105156	105157	105158	105159	6656
4/0	103	–	105176	105177	105178	105179	6657

Brazed Seam – Flag Connectors

- 100% copper, tin-plated
- Non-insulated
- Ideally suited for solder dipping applications



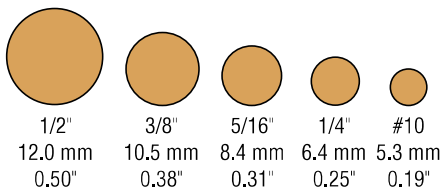
A Gauge		Brazed Seam Flag Connectors			
		B Stud Hole			
AWG	mm²	1/4" (6 mm)	5/16" (8 mm)	3/8" (10 mm)	1/2" (12 mm)
6	13	107412	107415	–	–
4	19	107422	107425	–	–
2	32	107432	107435	107436	–
1/0	50	107442	107445	107446	107447
2/0	62	–	107455	107456	107457
3/0	81	–	–	107466	107467

Brazed Seam – Non-Insulated Lugs

- Serrated barrel increases pullout strength
- Ideally suited for solder dipping applications
- 100% copper, tin-plated



Stud Size Guide



A Gauge		Ring Terminal – Tin Plated							Butt Splice
		B Stud Hole							
AWG	mm²	#10	1/4" (6 mm)	5/16" (8 mm)	3/8" (10 mm)	7/16" (12 mm)	1/2" (12 mm)	3/4" (20 mm)	
8	8	107101	107111	107131	107161	–	–	–	107241
6	13	107102	107112	107132	107162	–	107202	–	107242
4	19	–	107113	107133	107163	–	107203	–	107243
2	32	–	107114	107134	107164	–	107204	–	107244
1/0	50	–	107116	107136	107166	107186	107206	–	107246
2/0	62	–	107117	107137	107167	107187	107207	–	107247
3/0	81	–	–	–	107168	107188	107208	107228	107248
4/0	103	–	–	–	107169	–	107209	107229	107249



Battery Connectors

Automotive, Heavy Duty and Lead-Free



Description	Polarity	Part No.
Lead side terminal – 3/8" stud hole	Universal	5577U
Brass clamp	Universal	5088U
Lead clamp	Universal	5588U
Lead clamp w/ black epoxy paint	Negative	5588B
Lead clamp w/ red epoxy paint	Positive	5588R



Description	Polarity	Part No.
Brass clamp – accepts 6 to 2/0 ga.	Positive	5066P
Brass clamp – accepts 6 to 2/0 ga.	Negative	5067N
Lead clamp – accepts 1 to 4/0 ga.	Universal	5566U



Automotive

- Accepts 6 to 2/0 gauge cable sizes
- Brass or lead construction with fasteners included



5577-2007U



5588-2010U

Heavy Duty

- Clamps designed for truck, bus, construction, agriculture and industrial applications
- Brass or lead construction, fasteners included

Connectors

Lead-Free Connectors

- OEM style replacement ideal for recreational, light and medium duty applications
- Tin-plated copper alloy resists corrosion
- Polarity specific to exact fit on battery post
- Two sizes handle 6 to 1 gauge cable

RoHS



Crimp with our B-Crimping Tool

NEW

See page 77

Lead Free

Gauge	Positive	Negative
6 & 4	850109P	850109N
2 & 1	850211P	850211N

Lead Free with Auxiliary Take-Off

Gauge	Stud Size	Part No.
8, 6, 4, 2, 1	Universal – 5/16" stud	850105



4-6 Gauge Ring

Part No.	Stud Hole
850120D	1/4"
850120E	5/16"
850120F	3/8"
850120H	1/2"

4-6 Gauge Left Flag

Part No.	Stud Hole
850130D	1/4"
850130E	5/16"
850130F	3/8"
850130H	1/2"

4-6 Ga. Right Flag

Part No.	Stud Hole
850140D	1/4"
850140E	5/16"
850140F	3/8"
850140H	1/2"

1-2 Gauge Ring

Part No.	Stud Hole
850220D	1/4"
850220E	5/16"
850220F	3/8"
850220H	1/2"

1-2 Gauge Left Flag

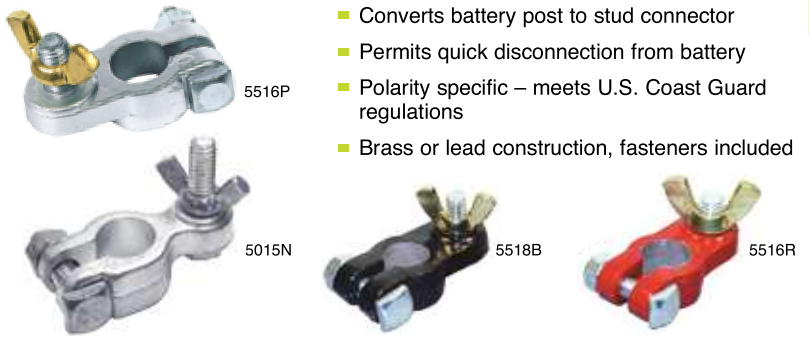
Part No.	Stud Hole
850230D	1/4"
850230E	5/16"
850230F	3/8"
850230H	1/2"

1-2 Gauge Right Flag

Part No.	Stud Hole
850240D	1/4"
850240E	5/16"
850240F	3/8"
850240H	1/2"

Heavy Duty Marine Connectors

Description	Polarity	Part No.
Top post to 5/16" stud, brass with tin plated steel fastener	Positive	5013P
Top post to 3/8" stud, brass with tin plated steel fastener	Positive	5014P
Top post to 5/16" stud brass with tin plated steel fastener	Negative	5015N
Top post to 3/8" stud, lead with zinc plated steel fastener	Positive	5516P
Top post to 3/8" stud, lead w/epoxy paint, zinc plated steel fastener	Positive	5516R
Top post to 5/16" stud, lead w/epoxy paint, zinc plated steel fastener	Negative	5518B
Top post to 5/16" stud, lead with tin plated steel fastener	Negative	5518N



- Converts battery post to stud connector
- Permits quick disconnection from battery
- Polarity specific – meets U.S. Coast Guard regulations
- Brass or lead construction, fasteners included

Brass Marine Terminals

Polarity	Part No.
Negative	5517N
Positive	5517P

NEW!



Set Screw

- Universal polarity, clamp or side terminal
- Lead construction, zinc-plated steel setscrew and fasteners included, accepts 8 to 1 ga. cable



Description	Polarity	Part No.
Lead clamp with zinc plated, steel fastener	Universal	5506U
Lead side terminal with zinc plated, steel fastener – 3/8" stud hole	Universal	5507U

Tie Bolt

- Patented design makes total wire contact
- Universal polarity clamp or side terminal
- Lead construction, tin-plated steel tie bolt and zinc-plated fasteners included, accepts 6 to 1 gauge cable



Description	Polarity	Part No.
Lead clamp with zinc plated, steel fastener	Universal	5502U
Lead side terminal with zinc plated, steel fastener – 3/8" stud hole	Universal	5510U

Military Style Connectors

Description	Polarity	Part No.
Lead, military style connector with zinc plated, steel fastener	Negative	5349N
Lead, military style connector with zinc plated, steel fastener	Positive	5350P

- Low profile design measures only 3/4" high, long bolt permits additional power connections
- Polarity specific lead construction, zinc-plated steel fasteners included
- Complies with military spec, positive #A52425-1 and negative A52425-2



3-Way Connectors

- Clamp style lead connectors
- For versatile field replacement



Description	Polarity	Part No.
6 - 1 ga. 3-way top post connector	Negative	850151
2 - 4/0 ga. 3-way top post connector	Negative	850161
6 - 1 ga. 3-way top post connector	Positive	850150
2 - 4/0 ga. 3-way top post connector	Positive	850160

NEW!

Right Angle Heavy Duty Brass Terminals

- Easily connect multiple batteries with a single cable using right angle terminals



Description	Polarity	Part No.
2 ga. - 2/0 right angle HD brass terminal	Negative	5567N
2 ga. - 2/0 right angle HD brass terminal	Positive	5567P

NEW!

Quick® Disconnect

Description	Polarity	Part No.
Top post, copper, brass plated zinc plated, steel fastener	Negative	850112
Side terminal, copper, brass plated zinc plated, steel fastener	Universal	850113
Top post, copper, bright tin plating, steel fastener	Negative	850118
Side terminal, copper, bright tin plating, steel fastener	Universal	850119

- 1/4 turn of knob disconnects battery power
- Side terminal style fits positive or negative
- Clamp style fits negative top post

RoHS





Battery Terminal Adapters

Adapter for JIS (Pencil Post)

- Allows use of SAE connectors on pencil post
- Creates metal to metal contact, sold in pairs



Description	Polarity	Part No.
Battery post adapter for JIS ("pencil post")	Negative/Positive	108406



SAE to JIS (Pencil Post) Conversion

- Tin plated brass



Description	Part No.
SAE to pencil post conversion – neg.	850250
SAE to pencil post conversion – pos.	850350

Specialty Terminal with Pole-to-Top Post

- Converts flag terminal to top post
- Not polarity specific
- Sold in pairs



Description	Part No.
Flag to top post conversion	850116

Stud-to-Post Conversion

- Converts stud to top post
- With steel insert



Description	Part No.
5/16" conversion – set of pos. & neg.	5513
3/8" conversion – set of pos. & neg.	5514

Side Terminal-to-Post Conversion

- Converts side terminal to side post
- Polarity specific



5512

NEW!

Description	Part No.
Conversion – set of pos. & neg.	5515
Conversion – brass, set of pos. & neg. (for 5 mm side terminal conversion)	5512

Battery Post Shims

- Rebuild worn battery posts
- Sold as each



Description	Part No.
Battery post shims	850115

Top Post-to-Side Terminal Connectors

- Converts top post to side terminal
- With steel insert
- Polarity specific, fasteners included



Description	Part No.
TP to ST connector – negative	5519
TP to ST connector – positive	5521

Adapter Bushings

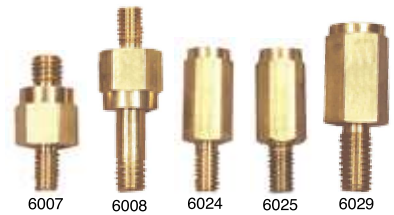


- Allows smaller cable to fit larger terminals
- Not polarity specific
- Copper alloy, tin-plated

Bushing Size	Fits Terminal	Part No.
4 gauge	2/0	6053
2 gauge	2/0	6054
1 gauge	2/0	6055

Adapter Bolts and Nuts

- Precision-machined from solid brass, includes zinc-plated steel nut and washer
- Adapter bolts available in single (6007) and dual (6008) power leads
- Dual power leads (6008) require use of #6706 lead spacer



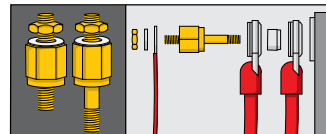
6007

6008

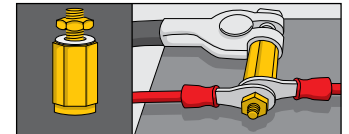
6024

6025

6029



Accessory adapter bolts 6007 and 6008



Accessory adapter nut 6024/6025/6029

Cup Jumpers/Formation Cables

- Used to charge batteries in series
- 10 gauge UL 90°C wire (UL style 3046)
- Polarity-specific lead ends
- Custom jumpers available
- 16" (40 cm) long, center-to-center
- Fine-stranded copper conductor



Description	Part No.
10 gauge 16" (40cm) cup jumpers	213910

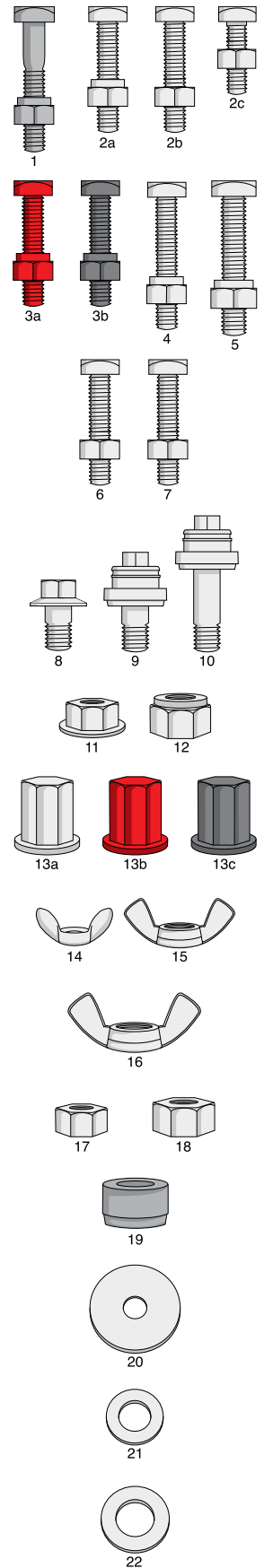
Accessory Post Adapter Descriptions	Measurements	Material	Part No.
Adapter bolt, side terminal accessory post for single power lead	3/8" - 16 x 3/8" accessory stud: 5/16" - 18 x 1/2"	Brass; zinc plated steel fastener	6007
Adapter bolt, side terminal accessory post for double power lead	3/8" - 16 x 15/16" accessory stud: 5/16" - 18 x 1/2"	Brass; zinc plated steel fastener	6008
Adapter nut, top terminal accessory post	5/16" - 18 x 9/16", inside thread; accessory stud: 5/16" - 18 x 9/16"	Brass; zinc plated steel fastener	6024
Adapter nut, top terminal accessory post	1/4" - 20 x 9/16", inside thread; accessory stud: 5/16" - 18 x 9/16"	Brass; zinc plated steel fastener	6025
Adapter nut, top terminal accessory post	3/8" - 16 x 3/4", inside thread; accessory stud: 3/8" - 16 x 3/4"	Brass; zinc plated steel fastener	6029

Fastener Hardware for Battery Applications

- Complete selection of standard and heavy duty battery related hardware
- Hardware meets or exceeds OEM, SAE or Mil specifications, where relevant



Item	Description	Material	Part No.
1	1/4"-20 x 1-5/8", OEM type Bolt, square head & shoulder nut, oil-treated	Steel	6011
2a	5/16"-18 x 1-1/4" Bolt, square head & shoulder nut, tin-plated	Steel	6014
2b	5/16"-18 x 1-1/4" Bolt, square head & nut, zinc-plated	Steel	6000
2c	1/4"-20 x 3/4" Bolt, hex head & nut, zinc-plated	Steel	106200
3a	5/16"-18 x 1-1/4", Red Bolt, square head & shoulder nut, QuickCote™ treated	Steel	6698R
3b	5/16"-18 x 1-1/4", Black Bolt, square head & shoulder nut, QuickCote™ treated	Steel	6698B
4	5/16"-18 x 1-1/2" Bolt, square head & shoulder nut, zinc-plated	Steel	6712
5	3/8"-16 x 2", Mil spec Bolt, square head & nut, tin-plated	Steel	6019
6	1-1/8" x 5/16" x 18 Bolt, square head & hex nut, tin-plated	Steel	6002
7	1-1/8" x 5/16" x 18 Bolt, square head & hex nut, zinc-plated	Steel	6006
8	3/8"-16 x 15/32" Bolt, side terminal, for single power lead, zinc-plated	Steel	6733
9	3/8"-16 x 13/32" Bolt, side terminal, for single power lead, OEM type, zinc-plated	Steel	6703
10	3/8"-16 x 1" Bolt, side terminal, for dual power lead, OEM type, zinc-plated	Steel	6704
11	3/8"-16 nut, self locking Flange, zinc-plated	Steel	6708
12	5/16"-18 nut Shoulder, tin-plated	Steel	6701T
13a	3/8"-16 nut Closed cap, stainless steel	Stainless steel	6015
13b	3/8"-16, red nut Closed cap, powder coated	Stainless steel	6016R
13c	3/8"-16, black nut Closed cap, powder coated	Stainless steel	6016B
14	1/4"-20, wing nut For hold-down bolt, zinc-plated	Steel	6734
15	5/16"-18, wing nut Forged steel, tin-plated	Steel	106115
16	3/8"-16, wing nut Forged steel, tin-plated	Steel	106116
17	5/16"-18, hex nut Steel, zinc-plated	Steel	106125
18	3/8"-16, hex nut Steel, zinc-plated	Steel	106126
19	Spacer for 6704 dual power lead, side terminal bolt Also fits 6008 dual power lead accessory post adapter	Lead	6706
20	1/4" washer Fender. Use with 6734 wing nut for hold-down applications	Steel	6753
21	5/16" washer zinc-plated	Steel	6756
22	3/8" washer zinc-plated	Steel	6758

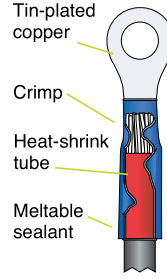


Connectors



GARDIAN™ Solderless Terminals for Abusive Environments

- Rated 600V, +167°F (+75°C)
- Highest quality heat-shrink solderless terminals for use in demanding auto, truck, bus, agriculture, construction or industrial applications



- Polyolefin heat-shrink insulation provides long lasting strain relief from vibration
- Integral melttable sealant locks out moisture, corrosive salts and fumes



Ring



Stud Tab Size	Wire Gauge	Color	Part No.
#6	22 - 18	Red	164102
#8	22 - 18	Red	164103
#10	22 - 18	Red	164104
1/4"	22 - 18	Red	164105
5/16"	22 - 18	Red	164106
3/8"	22 - 18	Red	164107
#6	16 - 14	Blue	164202
#8	16 - 14	Blue	164203
#10	16 - 14	Blue	164204
1/4"	16 - 14	Blue	164205
5/16"	16 - 14	Blue	164206
3/8"	16 - 14	Blue	164207
#8	12 - 10	Yellow	164403
#10	12 - 10	Yellow	164404
1/4"	12 - 10	Yellow	164405
5/16"	12 - 10	Yellow	164406
3/8"	12 - 10	Yellow	164407
1/2"	12 - 10	Yellow	164408

Fully Insulated Female Disconnect



Stud Tab Size	Wire Gauge	End View	Color	Part No.
.250	22 - 18		Red	164158
.250	16 - 14		Blue	164258
.250	12 - 10		Yellow	164458

Fully Insulated Male Disconnect



Stud Tab Size	Wire Gauge	End View	Color	Part No.
.250	22 - 18		Red	164160
.250	16 - 14		Blue	164260
.250	12 - 10		Yellow	164460

Spade



Stud Tab Size	Wire Gauge	Color	Part No.
#6	22 - 18	Red	164124
#8	22 - 18	Red	164125
#10	22 - 18	Red	164126
#6	16 - 14	Blue	164224
#8	16 - 14	Blue	164225
#10	16 - 14	Blue	164226
#8	12 - 10	Yellow	164425
#10	12 - 10	Yellow	164426
1/4"	12 - 10	Yellow	164427

Female Bullet



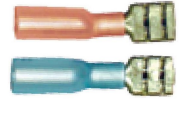
Stud Tab size	Wire Gauge	Color	Part No.
.157	22 - 18	Red	164166
.157	16 - 14	Blue	164266
.195	16 - 14	Blue	164268
.195	12 - 10	Yellow	164468

Male Bullet



Stud Tab size	Wire Gauge	Color	Part No.
.157	22 - 18	Red	164170
.157	16 - 14	Blue	164270
.195	16 - 14	Blue	164272
.195	12 - 10	Yellow	164472

Female Disconnect



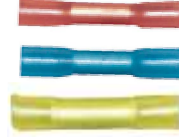
Stud Tab Size	Wire Gauge	Color	Part No.
.250	22 - 18	Red	164148
.250	16 - 14	Blue	164248
.250	12 - 10	Yellow	164448

Male Disconnect



Stud Tab Size	Wire Gauge	Color	Part No.
.250	22 - 18	Red	164153
.250	16 - 14	Blue	164253
.250	12 - 10	Yellow	164453

Butt Connector



Wire Gauge	Color	Part No.
22 - 18	Red	164180
16 - 14	Blue	164280
12 - 10	Yellow	164480
8	Red	164580

Gardian™ Terminal Assortment

Description	Part No.
650 pieces of Gardian and PVC	164900
33 pieces of 11 styles of terminal	164901
65 pieces of 10 styles of terminal	164902
125 pieces of 3 styles of butt connector	164905

QUICKHOWTO.COM™



See the video on applying Gardian Terminals.



Fusion® Solder Heat-Shrink Butt Connector Kits

- Controlled soldering combined with heat-shrink tubing in one step
- Rated 600V, 230° F (110° C)
- Transparent sleeves with color-coded sealing rings easy to inspect

Butt Connectors



Wire Gauge	Color	Part No.
22 - 18	Red	165181
16 - 14	Blue	165281
12 - 10	Yellow	165481

Fusion Solder Heat-Shrink Butt Connector Kit

Description	Part No.
125 pieces of 3 styles of Fusion™ butt connectors	165905





Premium Nylon Solderless

Ring Double Crimp Nylon

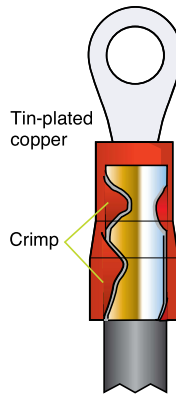
Stud Tab Size	Wire Gauge	Color	Part No.
#4 - 6	22 - 18	Red	163102
#8	22 - 18	Red	163103
#10	22 - 18	Red	163104
1/4"	22 - 18	Red	163105
5/16"	22 - 18	Red	163106
#6	16 - 14	Blue	163202
#8	16 - 14	Blue	163203
#10	16 - 14	Blue	163204
1/4"	16 - 14	Blue	163205
5/16"	16 - 14	Blue	163206
3/8"	16 - 14	Blue	163207
#8	12 - 10	Yellow	163403
#10	12 - 10	Yellow	163404
1/4"	12 - 10	Yellow	163405
5/16"	12 - 10	Yellow	163406
3/8"	12 - 10	Yellow	163407
1/2"	12 - 10	Yellow	163408

Spade Double Crimp

Stud Tab Size	Wire Gauge	Color	Part No.
8	22 - 18	Red	163125
8	16 - 14	Blue	163225
10	16 - 14	Blue	163226
8	12 - 10	Yellow	163425
10	12 - 10	Yellow	163426

Butt Connector

Wire Gauge	Color	Part No.
22 - 18	Red	163180
16 - 14	Blue	163280
12 - 10	Yellow	163480



- Designed for heavy duty applications to resist vibration and moisture
- Tin-plated, annealed copper for improved corrosion resistance, max conductivity and crimp strength
- 3-part construction contains inner lug, additional copper sleeve for added strength, crimpability and seamless outer nylon cover
- Serrated barrel for greater wire retention/pullout strength
- Operating temperature range from -67°F to +221°F (-55°C to +105°C)
- Rated 600V



Female Disconnect

Stud Tab Size	Wire Gauge	Color	Part No.
.110	22 - 18	Red	163145
.187	22 - 18	Red	163146
.250	22 - 18	Red	163148
.187	16 - 14	Blue	163246
.250	16 - 14	Blue	163248
.250	12 - 10	Yellow	163448

Male Disconnect

Stud Tab Size	Wire Gauge	Color	Part No.
.250	22 - 18	Red	163153
.250	16 - 14	Blue	163253
.250	12 - 10	Yellow	163453

Insulated Female Disconnect

Stud Tab Size	Wire Gauge	End View	Color	Part No.
.187	22 - 18		Red	163157
.250	22 - 18		Red	163158
.187	16 - 14		Blue	163257
.250	16 - 14		Blue	163258
.250	12 - 10		Yellow	163458

Insulated Male Disconnect

Stud Tab Size	Wire Gauge	End View	Color	Part No.
.250	22 - 18		Red	163160
.250	16 - 14		Blue	163260
.250	12 - 10		Yellow	163460

Insulated Bullet Female

Stud Tab Size	Wire Gauge	Color	Part No.
.078	22 - 18	Natural	163069
.157	22 - 18	Red	163166
.157	16 - 14	Blue	163266

Insulated Bullet Male

Stud Tab Size	Wire Gauge	Color	Part No.
.078	22 - 18	Natural	163073
.157	22 - 18	Red	163170
.157	16 - 14	Blue	163270

Premium Nylon Solderless Kit

Description	Part No.
600 pieces/double crimp 24 types	163900



Connectors

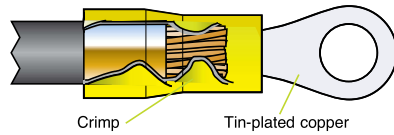
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See the video on applying double crimp Terminals.



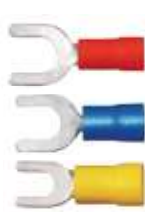
PVC Solderless for General Purpose Applications



- Rated 600V, +167° F (+75° C)
- Disconnects, M/F bullets and piggyback 300V, +167°F (+75°C)
- Quality terminals for years of dependable service
- Tin-plated, annealed copper for improved corrosion resistance, max conductivity and crimp strength
- Serrated barrels for greater wire retention/pullout strength
- Ridged PVC sleeves for improved abrasion resistance



Ring				UL US
Stud Tab Size	Wire Gauge	Color	Part No.	
#4	22 - 18	Red	160101	
#6	22 - 18	Red	160102	
#8	22 - 18	Red	160103	
#10	22 - 18	Red	160104	
1/4"	22 - 18	Red	160105	
5/16"	22 - 18	Red	160106	
3/8"	22 - 18	Red	160107	
#4	16 - 14	Blue	160201	
#6	16 - 14	Blue	160202	
#8	16 - 14	Blue	160203	
#10	16 - 14	Blue	160204	
1/4"	16 - 14	Blue	160205	
5/16"	16 - 14	Blue	160206	
3/8"	16 - 14	Blue	160207	
1/2"	16 - 14	Blue	160208	
#6	12 - 10	Yellow	160402	
#8	12 - 10	Yellow	160403	
#10	12 - 10	Yellow	160404	
1/4"	12 - 10	Yellow	160405	
5/16"	12 - 10	Yellow	160406	
3/8"	12 - 10	Yellow	160407	
1/2"	12 - 10	Yellow	160408	
#10	8	Red	160504	
1/4"	8	Red	160505	
5/16"	8	Red	160506	
3/8"	8	Red	160507	
#10	6	Blue	160604	
1/4"	6	Blue	160605	
5/16"	6	Blue	160606	
3/8"	6	Blue	160607	



Spade				UL US
Stud Tab Size	Wire Gauge	Color	Part No.	
#6	22 - 18	Red	160124	
#10	22 - 18	Red	160126	
#6	16 - 14	Blue	160224	
#8	16 - 14	Blue	160225	
#10	16 - 14	Blue	160226	
#6	12 - 10	Yellow	160424	
#8	12 - 10	Yellow	160425	
#10	12 - 10	Yellow	160426	



Locking Spade				UL US
Stud Tab Size	Wire Gauge	Color	Part No.	
#6	22 - 18	Red	160130	
#8	22 - 18	Red	160131	
#10	22 - 18	Red	160132	
#6	16 - 14	Blue	160230	
#8	16 - 14	Blue	160231	
#10	16 - 14	Blue	160232	
#8	12 - 10	Yellow	160431	
#10	12 - 10	Yellow	160432	



Flange Spade				UL US
Stud Tab Size	Wire Gauge	Color	Part No.	
#6	22 - 18	Red	160134	
#8	22 - 18	Red	160135	
#10	22 - 18	Red	160136	
#6	16 - 14	Blue	160234	
#8	16 - 14	Blue	160235	
#10	16 - 14	Blue	160236	
#8	12 - 10	Yellow	160435	
#10	12 - 10	Yellow	160436	

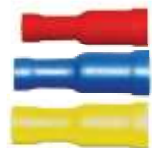
Connectors



Heavy Duty Ring				UL US
Stud Tab Size	Wire Gauge	Color	Part No.	
#8	14 - 12	Black	160303	
#10	14 - 12	Black	160304	
1/4"	14 - 12	Black	160305	



Multi-Stud Ring				UL US
Stud Tab Size	Wire Gauge	Color	Part No.	
#6, #8, #10	22 - 18	Red	160112	
#6, #8, #10	16 - 14	Blue	160212	
#6, #8, #10	12 - 10	Yellow	160412	



Bullet Female				UL US
Stud Tab Size	Wire Gauge	Color	Part No.	
.157	22 - 18	Red	160166	
.180	22 - 18	Red	160167	
.157	16 - 14	Blue	160266	
.180	16 - 14	Blue	160267	
.195	16 - 14	Blue	160268	
.195	12 - 10	Yellow	160468	



Hook				UL US
Stud Tab Size	Wire Gauge	Color	Part No.	
#6	22 - 18	Red	160138	
#8	22 - 18	Red	160139	
#10	22 - 18	Red	160140	
#6	16 - 14	Blue	160238	
#8	16 - 14	Blue	160239	
#10	16 - 14	Blue	160240	
#8	12 - 10	Yellow	160439	
#10	12 - 10	Yellow	160440	



Bullet Male				UL US
Stud Tab Size	Wire Gauge	Color	Part No.	
.157	22 - 18	Red	160170	
.180	22 - 18	Red	160171	
.157	16 - 14	Blue	160270	
.180	16 - 14	Blue	160271	
.195	16 - 14	Blue	160272	
.195	12 - 10	Yellow	160472	



Female Disconnect

Stud Tab Size	Wire Gauge	Color	Part No.
.110	22 - 18	Red	160145
.187	22 - 18	Red	160146
.205	22 - 18	Red	160147
.250	22 - 18	Red	160148
.110	16 - 14	Blue	160245
.187	16 - 14	Blue	160246
.205	16 - 14	Blue	160247
.250	16 - 14	Blue	160248
.375	16 - 14	Blue	160249
.187	12 - 10	Yellow	160446
.250	12 - 10	Yellow	160448
.375	12 - 10	Yellow	160449

Male Disconnect

Stud Tab Size	Wire Gauge	Color	Part No.
.110	22 - 18	Red	160150
.187	22 - 18	Red	160151
.250	22 - 18	Red	160153
.187	16 - 14	Blue	160251
.250	16 - 14	Blue	160253
.250	12 - 10	Yellow	160453

Piggyback Disconnect

Stud Tab Size	Wire Gauge	Color	Part No.
.250	22 - 18	Red	160163
.250	16 - 14	Blue	160263
.250	12 - 10	Yellow	160463

Pin Terminal

Stud Tab Size	Wire Gauge	Color	Part No.
.075	22 - 18	Red	160175
.075	16 - 14	Blue	160275
.075	12 - 10	Yellow	160475

T-Tap Connector – .250

Wire Gauge	Color	Part No.
22 - 18	Red	160188
16 - 14	Blue	160288
12 - 10	Yellow	160488

3-Way Connector

Wire Gauge	Color	Part No.
22 - 18	Red	160178
16 - 14	Blue	160278
12 - 10	Yellow	160478

4-Way Connector

Wire Gauge	Color	Part No.
22 - 18	Red	160179
16 - 14	Blue	160279
12 - 10	Yellow	160479

Butt Connector

Wire Gauge	Color	Part No.
22 - 18	Red	160180
16 - 14	Blue	160280
12 - 10	Yellow	160480
8	Red	160580
6	Blue	160680

Parallel Butt Connector

Wire Gauge	Color	Part No.
22 - 18	Red	160181
16 - 14	Blue	160281
12 - 10	Yellow	160481

Stepdown Butt Connector

Wire Gauge	Part No.
16 - 14 / 18 - 22	160183
12 - 10 / 16 - 14	160283
8 / 12 - 10	160483

Quick Tap Connector

Wire Gauge	Color	Part No.
22 - 18	Red	160185
16 - 14	Blue	160285
16 - 14	White	160286*
12 - 10 / 18 - 14	Brown	160287
12 - 10	Yellow	160485

*With no stop.

Bullet Tap Splice – .250

Wire Gauge	Color	Part No.
16 - 14	Blue	160289

PVC Solderless Connector Kits

- Quality terminals for years of dependable service
- Tin-plated, annealed copper for improved corrosion resistance, max conductivity and crimp strength
- Ridged PVC sleeves for improved abrasion resistance



160904



160902

QUICKHOWTO.COM™



See the video on applying PVC solderless Terminals.

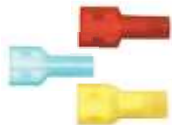


160903

Description	Part No.
175 pieces, no tool, 18 types of terminals	160900
600 pieces, 24 types of terminals, no tool	160901
1675 pieces, full assortment of PVC terminals	160902
100 pieces, includes tool, 16 types of terminals	160903
295 pcs., includes tool/18 types of terminals	160904
250 pcs., 3 styles of butt connectors/no tool	160905

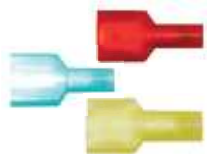


Nylon Solderless



Nylon Insulated Female Disconnect

Stud Tab Size	Wire Gauge	End View	Color	Part No.
.250	22 - 18		Red	162158
.250	16 - 14		Blue	162258
.250	12 - 10		Yellow	162458



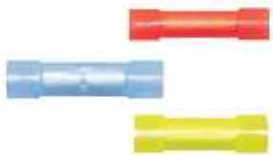
Nylon Insulated Male Disconnect

Stud Tab Size	Wire Gauge	End View	Color	Part No.
.250	22 - 18		Red	162160
.250	16 - 14		Blue	162260
.250	12 - 10		Yellow	162460



Flag Terminal Insulated

Stud Tab Size	Wire gauge	Color	Part No.
.250	22 - 18	Red	162165
.250	16 - 14	Blue	162265



Nylon Butt Connector - Flared Ends

Wire Gauge	Color	Part No.
22 - 18	Red	162180
16 - 14	Blue	162280
12 - 10	Yellow	162480

- Designed for heavy duty applications and superior performance
- Tin-plated, annealed copper for improved corrosion resistance, maximum conductivity and crimp strength
- Serrated barrel for greater wire retention/pullout strength
- Operating temperature range from -67°F to +221°F (-55°C to +105°C)
- Rated 300V
- UL/CSA listed where applicable



Specialty Terminals and Connectors

169101



Wire Gauge	Description	Part No.
.156	2-way female receptacle	169101
.250	Double male tab receptacle	169103
22-18	Closed end flat connector	169105
16-14	Closed end flat connector	169106
12-10	Closed end flat connector	169107
8	Closed end connector	169108
22-18	Closed end connector	169110
16-14	Closed end connector	169111
12-10	Closed end connector	169112

169103



169105, 169107



169108, 169112



- Closed connectors for multi-wire use
- Made of nylon
- UL/CSA listed where applicable



Wire Connectors for Copper Wire



Wire Gauge	Color	Part No.
24 - 16	Gray	169116
22 - 14	Blue	169117
20 - 14	Orange	169118
18 - 12	Yellow	169119
18 - 10	Red	169120

- Use on solid or stranded copper wire
- Threaded steel insert permits positive bite
- Can be used with multiple wires
- UL/CSA listed where applicable
- Gray and blue rated 300V; orange, yellow and red rated 600V



Non-Insulated Solderless



- Tin-plated, annealed copper for improved corrosion resistance, maximum conductivity and crimp strength
- Serrated barrels for greater wire retention/pullout strength

Ring

Stud/Tab Size	Wire Gauge	Part No.
#6	22 - 18	166102
#8	22 - 18	166103
#10	22 - 18	166104
1/4"	22 - 18	166105
5/16"	22 - 18	166106
#6	16 - 14	166202
#8	16 - 14	166203
#10	16 - 14	166204
1/4"	16 - 14	166205
5/16"	16 - 14	166206
3/8"	16 - 14	166207
#8	12 - 10	166403
#10	12 - 10	166404
1/4"	12 - 10	166405
5/16"	12 - 10	166406
3/8"	12 - 10	166407



Spade

Stud/Tab Size	Wire Gauge	Part No.
#8	22 - 18	166125
#10	22 - 18	166126
#8	16 - 14	166225
#10	16 - 14	166226
#8	12 - 10	166425
#10	12 - 10	166426



Female Disconnect

Stud/Tab Size	Wire Gauge	Part No.
.250	22 - 18	166148
.250	16 - 14	166248
.250	12 - 10	166448



Male Disconnect

Stud/Tab Size	Wire Gauge	Part No.
.250	22 - 18	166153
.250	16 - 14	166253
.250	12 - 10	166453



Flag Terminal

Stud/Tab Size	Wire Gauge	Part No.
.250	22 - 18	166165
.250	16 - 14	166265



Butt Connector

Wire Gauge	Part No.
22 - 18	166180
16 - 14	166280
12 - 10	166480



Seamless Butt Connector

Wire Gauge	Part No.
22 - 18	167180
16 - 14	167280
12 - 10	167480



Disconnect Adapters

Stud/Tab Size	Description	Part No.
.250	Male/female/male	169135
.250/#10	Male/#10 stud hole	169137
.250	Female/dual male	169136
250/#10	Male/#10 stud hole	169138
.250	Dual male/90°/female	169139

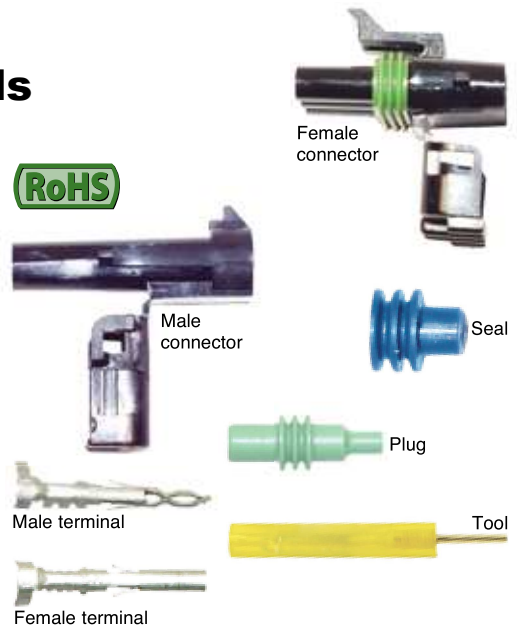


Weather Pack OEM Terminals, Housings and Seals

- Ideal for engine compartment and other harsh environment use
- Seals out water and moisture
- Nylon housings rated at -50°F to +262°F (-46°C to +128°C)
- Terminals have lock tabs that snap into housing cavity and are tin-plated
- Silicone seals and plugs have multiple ribs to form positive seal in housing cavity

OEM Terminals & Housings

Description	Part No.	Description	Part No.
1-way female connector	6150	20 - 18 gauge, male terminal	6160
1-way male connector	6151	20 - 18 gauge, female terminal	6161
2-way female connector	6152	16 - 14 gauge, male terminal	6162
2-way male connector	6153	16 - 14 gauge, female terminal	6163
3-way female connector	6154	12 gauge, male terminal	6164
3-way male connector	6155	12 gauge, female terminal	6165
4-way female connector	6156	20 - 18 gauge, seal	6166
4-way male connector	6157	16 - 14 gauge, seal	6167
6-way female connector	6158	12 gauge, seal	6168
6-way male connector	6159	Plug	6169
		OEM terminal extractor tool	420191





Fuses and Breakers

All are **RoHS** compliant

- Fuse Kits**
- Most common sizes
 - Convenience
 - Plastic storage box

Description	Part No.
100 pc. mini fuse kit	509115
120 pc. standard blade fuse kit	509140
16 pc. maxi fuse kit	509160
120 pc. AGC fuse kit	509215
325 pc. mini std. maxi, AGC fuse kit	509200



Glass Fuses

Description	Part No.
AGC - 3 amp	509201
AGC - 5 amp	509202
AGC - 7.5 amp	509203
AGC - 10 amp	509204
AGC - 15 amp	509205
AGC - 20 amp	509206
AGC - 25 amp	509207
AGC - 30 amp	509208
AGC - 35 amp	509209
SFE - 4 amp	509221
SFE - 7.5 amp	509222
SFE - 9 amp	509223
SFE - 14 amp	509224
SFE - 20 amp	509225
SFE - 30 amp	509226



Mini Blade Fuses

Description	Color	Part No.
2 amp fuse	Lt. Gray	509101
3 amp fuse	Violet	509102
4 amp fuse	Pink	509103
5 amp fuse	Tan	509104
7.5 amp fuse	Brown	509105
10 amp fuse	Red	509106
15 amp fuse	Blue	509107
20 amp fuse	Yellow	509108
25 amp fuse	Clear	509109
30 amp fuse	Green	509110



Standard Blade Fuses

Description	Color	Part No.
1 amp fuse	Gray	509121
2 amp fuse	Lt. Gray	509122
3 amp fuse	Violet	509123
4 amp fuse	Pink	509124
5 amp fuse	Tan	509125
7.5 amp fuse	Brown	509126
10 amp fuse	Red	509127
15 amp fuse	Blue	509128
20 amp fuse	Yellow	509129
25 amp fuse	Clear	509130
30 amp fuse	Green	509131
35 amp fuse	Purple	509132
40 amp fuse	Orange	509133



Large Glass Power Fuses



Description	Part No.
AGU - G30 amp, gold plated	509230
AGU - G40 amp, gold plated	509231
AGU - G50 amp, gold plated	509232
AGU - G60 amp, gold plated	509233
ATM - 15 amp	509240
ATM - 30 amp	509245

Access-A-Fuse

- 20 amp fuse with arm down
- Extra 7.5 amp fuse with arm up option
- Great for add-on accessories
- Terminates with .250 disconnect solderless terminal



Description	Part No.
Access-a-Fuse, 2 fuses in 1	509170

Low Profile Fuses



Description	Color	Part No.
5 amp fuse	Tan	509183
7.5 amp fuse	Brown	509184
10 amp fuse	Red	509185
15 amp fuse	Blue	509186
20 amp fuse	Yellow	509187
25 amp fuse	Clear	509188
30 amp fuse	Green	509189

Maxi Blade Fuses



Description	Color	Part No.
20 amp fuse	Yellow	509150
30 amp fuse	Green	509151
35 amp fuse	Pink	509152
40 amp fuse	Orange	509153
50 amp fuse	Red	509154
60 amp fuse	Blue	509155
70 amp fuse	Brown	509156
80 amp fuse	Clear	509157

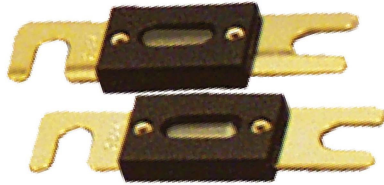
ATC® Fuse Tap-In

- Used in domestic and imported cars
- Meets or exceeds OEM and SAE standards



Description	Fuse Tab Size	Part No.
Standard tab	.250	169146
Mini tab	.250	169147

ANL Type Power Fuses

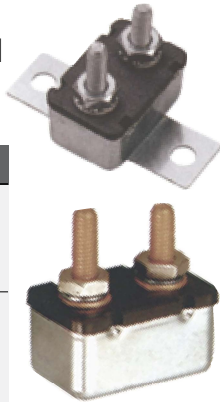


Description	Part No.
50 amp ANL power fuse	509298
80 amp ANL power fuse	509299
100 amp ANL power fuse	509300
150 amp ANL power fuse	509301
200 amp ANL power fuse	509302
250 amp ANL power fuse	509303
300 amp ANL power fuse	509304
350 amp ANL power fuse	509305
400 amp ANL power fuse	509306
450 amp ANL power fuse	509308
500 amp ANL power fuse	509307

Auto Reset Circuit Breakers 6-24V Type 1

- Complies with SAE standard J553

Description	Part No.
15 amp – stud style/mounting bracket	509401
20 amp – stud style/mounting bracket	509402
30 amp – stud style/mounting bracket	509403
40 amp – stud style/mounting bracket	509404
15 amp – stud style/no mounting bracket	509411
20 amp – stud style/no mounting bracket	509412
30 amp – stud style/no mounting bracket	509413
40 amp – stud style/no mounting bracket	509414



Manual Reset – 150 Amp Circuit Breaker

- Applications: typically used in auxiliary and accessory circuits-trucks, buses, RVs and marine applications
- Testing: complies with SAE J1625
- Housing: thermoset plastic; UL rated 94VO; +320°F (+155° C). Stud insulators are provided on covered units with type F (surface mount) bases
- Mounting: panel or surface

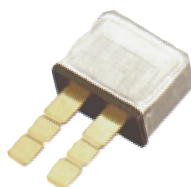
Description	Part No.
150 amp reset circuit breaker	509418



Auto Reset Blade 12V Type 1

- Complies with SAE standard J553

Description	Part No.
10 amp auto reset blade	509421
15 amp auto reset blade	509422
20 amp auto reset blade	509423
30 amp auto reset blade	509424



Fuse Pullers

Description	Part No.
10 amp auto reset blade	509701
15 amp auto reset blade	509702



Fuse Boxes – Standard Blade Fuses

Description	Part No.
8 position fuse box with lid .250 male side blade connections	509503



Water Resistant ANL Fuse Holder

Description	Part No.
ANL fuse holder to 1/0 gauge, water resistant	509661



ANL Fuse Holder – Fuse Block Kit

- Stainless Steel connector bolts
- Maximum voltage: 32 volts
- ANL fuse block kit includes 2 terminal protectors
- Plastic cover and terminal protectors protect the conductive area, complying with USCG and ABYC safety requirements

Description	Part No.
ANL fuse holder – fuse block kit	509665



MEGA Fuse Holder – Fuse Block Kit

- Low cost solution to Mega fuse application
- Maximum voltage: 32 volts
- Mega fuse block kit includes 2 terminal protectors
- When using the terminal protectors, it complies with USCG and ABYC safety requirements

Description	Part No.
MEGA fuse holder – fuse block kit	509666





Fuse Holders, Jump Start Posts, Terminal Bus Bars, Distribution Posts



Mini Blade Fuse Holder/Cap

Description	Part No.
14 gauge to 20 amp, water-resistant	509601
12 gauge to 30 amp, water-resistant	509602



Crimp Type Yellow Fuse Holder

Description	Part No.
Crimp type yellow fuse holder (W/P)	509640



Standard Open Blade Fuse Holder

Description	Part No.
14 gauge to 20 amp	509605
12 gauge to 30 amp	509606



Panel Mount Glass Fuse Holder

Description	Part No.
Panel mount glass fuse holder	509650



Standard Blade Fuse Holder/Cap

Description	Part No.
14 gauge to 20 amp, water-resistant	509611
12 gauge to 30 amp, water-resistant	509612



Fuse Block

Description	Part No.
Fuse block (waterproof) inline AGU Fuse holder to 4 gauge	509660



Sealed Standard Blade Fuse Holder

Description	Part No.
Sealed, standard blade fuse holder 12 gauge, 30 amp, water-resistant	509621



Self Stripping Fuse Holder

Description	Part No.
Self stripping fuse holder, standard Blade, crimp-style 18-14 gauge wire	169150



Maxi Fuse Holder/Cap

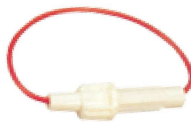
Description	Part No.
Maxi fuse holder/cap 8 gauge to 60 Amp, water-resistant	509631



Jumpstart Connector Conductor Posts

- Provides connection on outside of machine when battery is not easily accessible or when reaching into the battery compartment is dangerous or difficult
- Conductor posts are mounted on the insulated pad with polarity colored protective caps (pos./ red, neg/black)

Description	Part No.
Jumpstart connector conductor posts (positive and negative)	509699



Glass Fuse Holders

Description	Part No.
14 gauge to 20 amp, nylon Glass AGC fuse holder	509641
12 gauge to 30 amp, nylon Glass AGC fuse holder	509642
Used with ATM fuse holder	509643

Jumpstart Connector Plugs

- Similar to panel bushings
- Provides connection on outside of machine when battery is not easily accessible or when reaching into the battery compartment is dangerous or difficult
- Conductor posts are mounted on the insulated pad with polarity colored protective caps (pos/red, neg/black)



Description	Part No.
Single post negative jumpstart plug	509713
Single post positive jumpstart plug	509714

Junction Block Surface Mount

- Screw type or stud type
- Rated at 30 amps
- For use with #10-22 AWG wire

Description	Part No.
4 position block	670144
7 position block with cover	670177

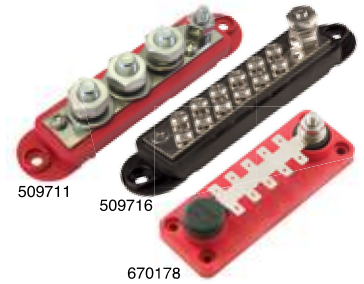


Terminal Bus Bar

- Connects multiple cables to single source
- Positive post: 3/8", negative post: 5/16"
- Maximum voltage: 48 volts
- Bus strip: nickel-plated copper alloy
- Tab type busbar accepts push-on type, quick disconnect terminals greatly increasing production



Description	Amps	Post	Part No.
4 point terminal bus bar – neg.	210	5/16"	509710
4 point terminal bus bar – pos.	210	3/8"	509711
12 point terminal bus bar – neg.	180	5/16"	509716
12 point terminal bus bar – pos.	180	3/8"	509717
Tab type bus bar – 10 points, 20 amps per connection			670178



Power Distribution Post – 8 Point

- Base material: positive/red, negative/black glass filled nylon
- Positive post: 3/8", negative post 5/16"
- Kit packaging 1 wire, 2 wire, multiple wire entry
- Connecting plate is nickel-plated
- Creates reliable, trouble-free circuit path to control system

Description	Amps	Post	Part No.
8 point distribution – pos./red	160	3/8"	509680
8 point distribution – neg./blk.	160	5/16"	509681
8 point distribution – 1 wire kit	160	–	509685
8 point distribution – 2 wire kit	160	–	509686
8 point dist. – three wire kit	160	–	509687



Panel Bushings

- For use with up to 1/8" panel
- Meets UL – HB standard
- Easy to assemble, base material: glass-filled nylon
- Available colors: red or black
- Current rating: 300 amp (3/8") or 500 amp (1/2")
- Melting point is +395°F



Description	Amps	Post	Part No.
Red bushing	300	3/8"	509670
Black bushing	300	3/8"	509671
Red bushing – weatherproof	500	1/2"	509675
Black bushing – weatherproof	500	1/2"	509676
Red bushing – weatherproof	300	3/8"	509677
Black bushing – weatherproof	300	3/8"	509678
Red bushing – weatherproof	350	3/8"	509668
Black bushing – weatherproof	350	3/8"	509669

Weatherproofing meets SAE J2120 8.5, ABYC E9.YH and USCG 33CFR subpart 1



Power Distribution Post – Single-Point

- Available in large or small base
- Used to connect two or more voltage or negative return lines
- Available colors: red or black
- Base material: glass-filled nylon
- Stainless steel connector post

Description	Base	Amps	Post	Part No.
Single point post – red	Small	250	3/8"	509690
Single point post – black	Small	250	5/16"	509691
Single point post – red	Small	165	1/4"	509692
Single point post – black	Small	165	1/4"	509693
Single point post – red	Large	160	3/8"	509695
Single point post – black	Large	160	5/16"	509696
Single point post – red	Large	160	1/4"	509697
Single point post – black	Large	160	1/4"	509698





What Are the Different Types of DC Power Cable?

Battery Cable

Standard battery cable is 100% copper stranded with PVC insulation to resist abrasion, fuel, oil, acid and salt. The insulation is also flame retardant. It is specified widely in OEM applications. Because of the stiffness of the insulation and larger gauge stranding, battery cable is less flexible than other cable types, but it is also quite resistant to cutting and abrasion damage.

Quick Cable battery cable is available with red or black insulation, and features a color-coded stripe to match with the same gauge size connector.

- Standard lengths from 10' to 500'
- Rated 60V
- SAE J1127, SGT type, +221° (+105°C), 8 gauge meets J1128
- Standard gauges from 8 to 4/0



Fine Stranded Battery Cable

NEW

More flexible than standard battery cable. Superior, High Performance Battery Cable for Auto/Truck, Marine, Industrial and Back-Up Power Applications.

- Fine stranded, annealed BARE COPPER wire
- Maximum conductivity
- Oil, water, acid resistant (SGT) thermoplastic rubber compound
- Water resistant safety insulator/separator for additional protection against corrosion or cut through
- Temperature rated -50°C to +105°C (221°F)
- Excellent low temperature flexibility
- High resistance to UV light and ozone exposure
- Voltage Rating: 600V
- Meets SAE J378C/J1127
- Meets UL 62 for SJE, SE, and SEO

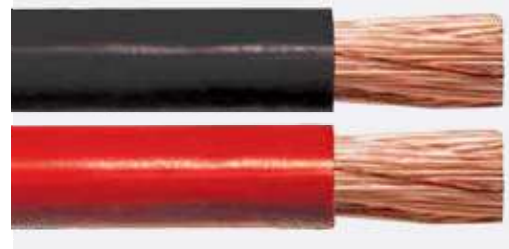


SGX Battery Cable

NEW

More flexible than standard battery cable. Use for high temperature applications.

- Soft-annealed, bare copper conductor – more flexible
- Chemically cross-linked polyolefin (XLPO) insulation
- RoHS compliant
- Temperature rated -40°F to +257°F (-40°C to +125°C)
- Available certifications:
 - SAE: J1654
 - Ford: ESB-M1L85-A, ESF-M1L92-A
 - Chrysler: MS-5919
 - Delphi: ESM-3024



Marine Battery Cable

Our battery cable for marine applications is UL listed BC-5W2 boat cable. It features an enhanced insulation for oil, fuel and acid resistance and is highly resistant to abrasion. It is a fine stranded, flexible cable with tin plating for corrosion resistance.

Quick Cable marine battery cable is available with red or black insulation.

- Standard lengths from 10' to 500'
- Rated 600V
- Temperature rated +221° (+105°C) dry and +193° (+75°C) wet
- Standard gauges from 8 to 4/0





Welding Cable

Our QuickFlex™ welding cable is made with very fine stranded copper wire and is insulated with pliable synthetic rubber, so it is very flexible even in cold weather conditions. Welding cable is easier to route in tight spaces than battery cable.

QuickFlex™ welding cable is available with red or black insulation.

- Standard lengths from 10' to 500'
- Rated 600V
- Temperature rated +221° (+105°C)
- Standard gauges from 6 to 250 MCM (250 MCM is only available in black)



UL® Welding Cable

QuickFlex™ welding cable is also available as UL listed cable with fine stranded copper wire that has been tin plated for corrosion resistance. Like other welding cable it is very flexible.

Available only with black insulation.

- Standard lengths from 10' to 500'
- Rated 600V
- Rated +257° (+125°C)
- UL3284 and CSA CL1254 compliant
- From 6 to 4/0 gauge



DLO RHH/RHW Cable

DLO cable is used in telecom power supplies, mining equipment, industrial and earthmoving equipment, diesel electric locomotives and other instances where flexible power leads must be installed in conduit or raceways. It is made with fine stranded, annealed and tinned copper wire and meets AAR-598 and ASTM B33.

Insulation is ethylene propylene rubber (EPR), resists oils, alkalis and acids, and has excellent impact, abrasion and tear resistance.

- Chlorinated polyethylene (CPE) jacket
- 600V and 2000V rated
- 90° C wet/dry continuous exposure
- Suitable for -40° C applications
- Sold by the foot



Machine Tool Wire (MTW)

MTW is recommended for uninterruptable power supplies, machine tools, appliances, transformers, switchboard panels, controls, electronic circuits, and meters. Can be used as battery cable, motor lead and power hook-up cable. Other applications include renewable energy (solar and wind).

MTW is made from fine stranded, annealed bare copper wire and features PVC insulation that is tough, moisture and chemical (acid, fuel, oil) resistant.

- VW-1 rated, flame retardant
- Temperature range: UL and CSA 105°C – 600V 90°C MTW
- Rated 600V, sold by the foot





Standard Battery Cable

- PVC insulation resists abrasion, fuel, oil, acid and salt
- Insulation is flame-retardant
- Meets or exceeds SAE J1127, SGT type, +221°F to -58°F (+105°C to -50°C), 8 gauge meets J1128
- Rated 60V
- Meets AWG specifications
- Copper conductor for maximum conductivity
- Annealed stranded copper conductor

Gauge	Color-Coded Stripe	Black	Red
8	Gray	200101	200201
6	Gray	200102	200202
4	Gray	200103	200203
2	Green	200104	200204
1	Pink	200105	200205
1/0	Black	200106	200206
2/0	Orange	200107	200207
3/0	Purple	200108	200208
4/0	Yellow	200109	200209



Fine Stranded Battery Cable

Superior, High Performance Battery Cable for Auto/Truck, Marine, Industrial and Back-Up Power Applications

- Fine stranded, annealed BARE COPPER wire
- Maximum conductivity
- Oil, water, acid resistant (SGT) thermoplastic rubber compound
- Water resistant safety insulator/separator for additional protection against corrosion or cut through
- More flexible than standard battery cable
- Temperature rated -50°C to +105°C (221°F)
- Excellent low temperature flexibility
- High resistance to UV light and ozone exposure
- Voltage Rating: 600V
- Meets SAE J378C/J1127
- Meets UL 62 for SJE, SE, and SEO
- Applications: battery cable, jumpers, starter, ground, marine rating



Gauge	Black	Red
6	201702	201802
4	201703	201803
2	201704	201804
1	201705	201805
1/0	201706	201806
2/0	201707	201807



The Quick® Color Code System

- Quick and easy identification of the cable gauge is provided
- Color code matches the cable to the connector
- The color stripe helps you measure the length of your cable



SGX Battery Cable

For High Temperature Applications

- Soft-annealed, bare copper conductor – more flexible
- Chemically cross-linked polyolefin (XLPO) insulation
- RoHS compliant
- Temperature rated -40°F to +257°F (-40°C to +125°C)
- Available certifications:
 - SAE: J1654
 - Ford: ESB-M1L85-A, ESF-M1L92-A
 - Chrysler: MS-5919
 - Delphi: ESM-3024



Gauge	Black	Red
6	205102	205202
4	205103	205203
2	205104	205204
1/0	205106	205206
2/0	205107	205207
3/0	205108	205208
4/0	205109	205209

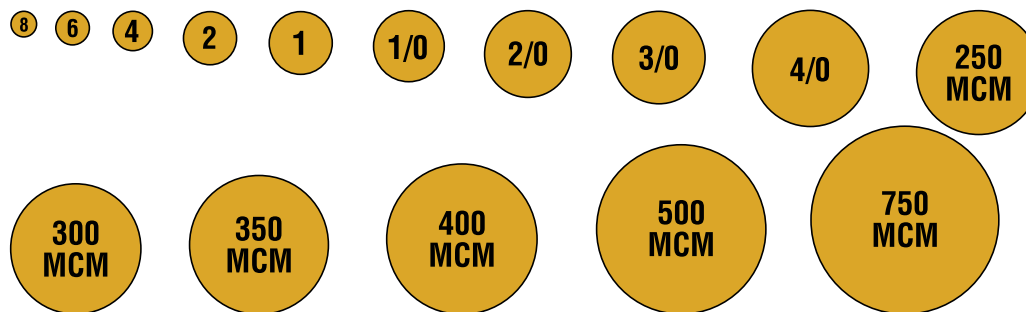


UL® Marine Battery Cable

- Enhanced oil, fuel and acid resistance
- Highly abrasion-resistant
- Rated 600V, +221°F dry/+193°F wet (+105°C dry/+75°C wet)
- UL listed BC-5W2 boat cable
- Fine-stranded copper conductor, tin-plated, for maximum conductivity, flexibility and corrosion resistance



Gauge	Black	Red
8	200501	200601
6	200502	200602
4	200503	200603
2	200504	200604
1	200505	200605
1/0	200506	200606
2/0	200507	200607
3/0	200508	200608
4/0	200509	200609



Cable Gauge

- The size bullets shown will help you determine the gauge (size) of an unmarked starter cable
- Measure the bare conductor only, not the insulation
- Actual diameters will vary depending on specific wire stranding

Metric and AWG Wire Size

	Metric Values are Expressed as a Range and Vary by Country																
mm ²	3	5	8	13	19	32	40	50	62	81	103	126	132	159	189	272	394
AWG	12	10	8	6	4	2	1	1/0	2/0	3/0	4/0	250 MCM	262 MCM	313 MCM	373 MCM	535 MCM	777 MCM



QuickFlex™ Welding Cable

What is the Difference Between QuickFlex™ and Battery Cable?



- QuickFlex™ cable is made with very fine copper wire and insulated with synthetic rubber. It's more flexible than battery cable, especially in cold temperatures; QuickFlex™ cable is easier to route in tight spaces
- Sold in 10', 25', 50', 100', 250' and 500' lengths
- 100% copper cable for maximum conductivity



QuickFlex™ Welding Cable

Gauge	Black	Red
6	202102	202202
4	202103	202203
2	202104	202204
1	202105	202205
1/0	202106	202206
2/0	202107	202207
3/0	202108	202208
4/0	202109	202209
250 MCM	202110	-

- Abrasion salt and chemical-resistant insulation
- Temperature rated +221°F (+105°C), good flame resistance
- Rated 600V
- Fine-stranded copper conductor for maximum conductivity and flexibility

UL® QuickFlex™ Tinned Welding Cable



Gauge	Black
6	203102
4	203103
2	203104
1	203105
1/0	203106
2/0	203107
3/0	203108
4/0	203109

- Abrasion, salt and chemical-resistant insulation
- Temperature rated +257°F (+125°C), excellent flame resistance
- Rated 600V
- Meets UL3284 and CSA CL1254 specifications
- Meets AWG specifications
- Fine-stranded copper conductor, tin-plated, for maximum conductivity, flexibility and corrosion resistance



DLO RHH/RHW Cable



NEW

- Fine stranded, annealed tinned copper wire in accordance with AAR-598 and ASTM B33
- Maximum conductivity, flexibility and corrosion resistance
- EPR (Ethylene Propylene Rubber) insulation, highly resistant to oils, alkalis and acids
- CPE (Chlorinated Polyethylene) jacket
- Excellent impact, abrasion and tear resistance
- VW-1 rated, flame retardant
- UL sun resistant
- 90°C wet/dry continuous exposure
- Suitable for -40°C applications
- 600V and 2000 Volt rated
- Industry Approvals: ICEA S-95-685/NEMA WC 70; UL 44 Type RHH/RHW-2 C(UL) RW90, MSHA – rated flame retardant; CSA RW90 @ 1,000 Volts
- REACH compliant; approved for CT use (1/0 and larger)
- NEC suitable as flexible wiring in open air trays, trays (1/0) or conduit
- Applications: telecom power supply systems, mining, industrial and earth moving equipment, motor leads, diesel electric locomotive, where flexible power leads must be installed in conduit or raceways

Gauge	Nomimal		Lbs./Feet	Part No.
	Insulation	O.D.		
2/0	0.09	0.68	0.56	208107
3/0	0.09	0.75	0.67	208108
4/0	0.09	0.78	0.83	208109
262 MCM	0.10	0.92	1.08	208110
313 MCM	0.10	0.97	1.22	208111
373 MCM	0.10	1.07	1.48	208112
535 MCM	0.12	1.24	2.02	208113
777 MCM	0.12	1.38	3.05	208114



Machine Tool Wire (MTW)



NEW

- Fine stranded, annealed, bare copper wire
- Maximum conductivity and flexibility
- PVC (polyvinylchloride) insulation, tough, moisture and chemical resistant (acid, diesel fuel, oil)
- VW-1 rated, flame retardant
- Temperature range: UL and CSA 105°C – 600V 90°C MTW
- Industry approvals:
 - 6 - 4 AWG: UL 1232/1283/1346/10269
 - 2 - 4/0 AWG: 1232/1284/1338/10269
 - 250-500MCM: 1284/1339/10269
 - 1/0 AWG – 350 MCM CT rated
 - 6 AWG – 4/0 is rated SAE J1127 Type SGT
 - 8 - 4/0 BC-5W2 rated
- Applications: recommended for wiring in uninterruptable power supplies, machine tools, appliances, transformers, switchboard panels, controls, electronic circuits and meters; can be used as battery cable, motor lead and power hook-up cable

Gauge	Nomimal		Lbs./Feet	Part No.
	Insulation	O.D.		
8	0.04	0.25	0.07	203301
6	0.06	0.32	0.12	203302
4	0.06	0.38	0.17	203303
2	0.06	0.44	0.26	203304
1	0.08	0.51	0.33	203305
1/0	0.08	0.56	0.41	203306
2/0	0.08	0.62	0.51	203307
3/0	0.08	0.68	0.64	203308
4/0	0.08	0.76	0.79	203309
250 MCM	0.09	0.83	0.91	203311
350 MCM	0.10	0.95	1.51	203312
500 MCM	0.11	1.12	1.97	203313





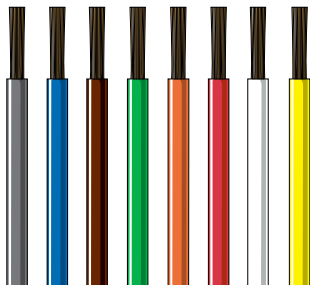
Primary Wire

- 100% copper wire for maximum conductivity
- Constructed from finely stranded copper and coated with a flexible PVC insulation
- Extensive stock, quick shipping
- Available in 100' spools
- Other colors available



**CALL US ABOUT
OTHER COLORS
AVAILABLE**

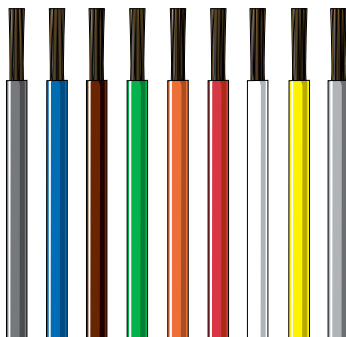
GPT General Purpose



- For use at 50 volts or less
- Meets or exceeds SAE J1128
- PVC insulation resists abrasion, fuel, oil, acid and salt
- Insulation rated -40°F to +176°F (-40°C to +80°C)
- Fine-stranded copper conductor for maximum conductivity and flexibility

Gauge	Black	Brown	Red	Orange	Yellow	Green	Blue	White
22	230000	230001	230002	230003	230004	230005	230006	230009
20	230100	230101	230102	230103	230104	230105	230106	230109
18	230200	230201	230202	230203	230204	230205	230206	230209
16	230300	230301	230302	230303	230304	230305	230306	230309
14	230400	230401	230402	230403	230404	230405	230406	230409
12	230500	230501	230502	230503	230504	230505	230506	230509
10	230600	230601	230602	230603	230604	230605	230606	230609
8	230700	230701	230702	-	-	230705	230706	230709

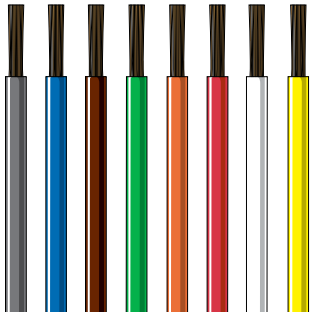
SXL Cross-Linked Polyethylene



- Designed for harsh, hot environments
- For use at 50 volts or less
- Best resistance to abrasion, fuel, oil, acid and salt
- Insulation rated -60°F to +257°F (-51°C to +125°C)
- Meets or exceeds SAE J1128
- Fine-stranded copper conductor for maximum conductivity and flexibility

Gauge	Black	Brown	Red	Orange	Yellow	Green	Blue	White	Gray
18	231200	231201	231202	231203	231204	231205	231206	231209	231210
16	231300	231301	231302	231303	231304	231305	231306	231309	231310
14	231400	231401	231402	231403	231404	231405	231406	231409	231410
12	231500	231501	231502	231503	231504	231505	231506	231509	231510
10	231600	231601	231602	231603	231604	231605	231606	231609	231610

TEW Wire



- Suitable for wet or dry applications
- Rated 600v
- Insulation rated +221°F (+105°C)
- UL and CSA 1015 listed
- Fine-stranded copper conductor for maximum conductivity and flexibility



Gauge	Black	Brown	Red	Orange	Yellow	Green	Blue	White
18	236200	236201	236202	236203	236204	236205	236206	236209
16	236300	236301	236302	236303	236304	236305	236306	236309
14	236400	236401	236402	236403	236404	236405	236406	236409
12	236500	236501	236502	236503	236504	236505	236506	236509

UL® Marine Primary Wire



- Rated 600V
- Meets DOT and Coast Guard specifications
- UL 1426 listed
- Fine-stranded copper conductor, tinned, for maximum conductivity, flexibility and corrosion resistance
- Rated at 105°C (221°F) "dry" 75°C (167°F) "wet"



Gauge	Black	Brown	Red	Orange	Yellow	Green	Blue	White
16	251300	251301	251302	251303	251304	251305	251306	251309
14	251400	251401	251402	251403	251404	251405	251406	251409
12	251500	251501	251502	251503	251504	251505	251506	251509
10	251600	251601	251602	251603	251604	251605	251606	251609

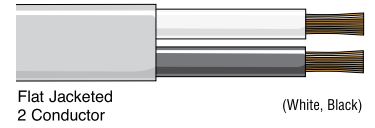


Multi-Conductor Flat Jacketed

- For auto, truck, agriculture, construction and light marine applications
- Also known as Brake Cable
- Temperature rated +221° F (+105° C)
- For use at 50 volts or less
- Heavy duty flat PVC gray outer jacket is abrasion-resistant and protects against moisture, oil, acid and salt
- Meets or exceeds SAE J1128
- Fine-stranded copper conductor for maximum conductivity and flexibility

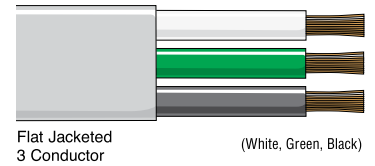
2 Conductor

Gauge	Part No.	Colors
16/2	233101	White Black
14/2	233102	White Black
12/2	233103	White Black
10/2	233104	White Black
8/2	233105	White Black



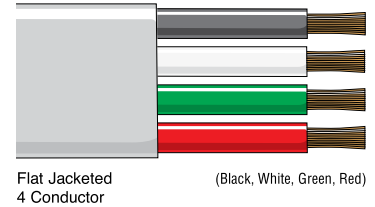
3 Conductor

Gauge	Part No.	Colors
16/3	233201	Green White Black
14/3	233202	Green White Black
12/3	233203	Green White Black
10/3	233204	Green White Black



4 Conductor

Gauge	Part No.	Colors
16/4	233301	Green White Black Red
14/4	233302	Green White Black Red
12/4	233303	Green White Black Red
10/4	233304	Green White Black Red

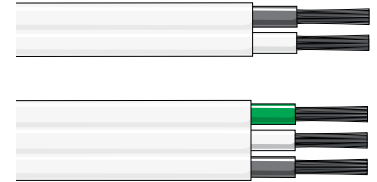


Jacketed Marine Wire

- Fine-stranded copper conductor, tinned, for maximum conductivity, flexibility and corrosion resistance
- Rated 600V
- Meets DOT specifications
- UL 1426 listed

2 Conductor

Gauge	Part No.	Colors
16/2	253101	Black White
14/2	253102	Black White
20/2	253103	Black White
10/2	253104	Black White



3 Conductor

Gauge	Part No.	Colors
16/3	253201	Green White Black
14/3	253202	Green White Black
20/3	253203	Green White Black
10/3	253204	Green White Black

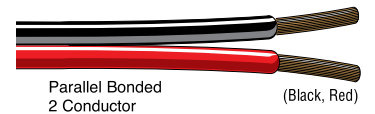


Parallel Bonded

- Designed for RVs, boat and utility trailers
- Easily separated conductors are user friendly
- For use at 50 volts or less
- PVC insulation is abrasion-resistant and protects against moisture, oil, acid and salt
- Insulation rated +176°F (+80°C)
- Meets or exceeds SAE J1128
- Fine-stranded copper conductor for maximum conductivity and flexibility

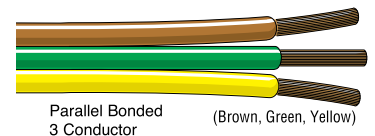
2 Conductor

Gauge	Part No.	Colors
16/2	232001	Black Red
14/2	233002	Black Red



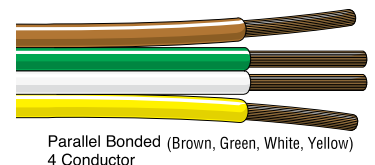
3 Conductor

Gauge	Part No.	Colors
16/3	232101	Brown Green Yellow
14/3	232102	Brown Green Yellow



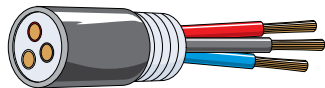
4 Conductor

Gauge	Part No.	Colors
18/4	232200	Brown Green White Yellow
16/4	232201	Brown Green White Yellow
14/4	232202	Brown Green White Yellow





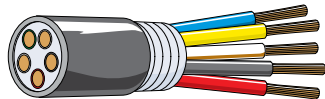
Control Cable



TC 3 Conductor

3 Conductor

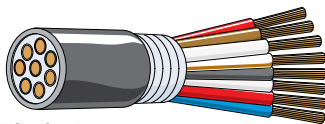
Gauge	Part No.	Colors
18	220103	Black Red Blue



TC 5 Conductor

5 Conductor

Gauge	Part No.	Colors
18	220104	Black Red Blue Orange Yellow



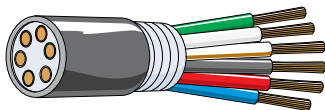
TC 8 Conductor

8 Conductor

Gauge	Part No.	Colors
18	220106	Black 2-Red 2-Blue Orange Yellow Brown

SEOW Cable

- 600V, UL and CSA certified for indoor or outdoor use
- TPE jacketed
- Temperature range -40°F to +226°F (-40°C to +105°C)
- Polypropylene filler with paper wrap
- Fine-stranded copper conductor for maximum conductivity and flexibility



SEOW 6 Conductor

6 Conductor

Gauge	Part No.	Colors
18	220109	Black White Red Green Orange Blue

- For aerial and work platforms, forklift trucks and other maintenance equipment
- Flexible insulation for easy routing and long, reliable life

TC Cable

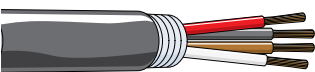
- 600V, UL and CSA certified for indoor or outdoor use
- Temperature range -57°F to +194°F (-55°C to +90°C)
- Small-diameter neoprene flexible TC type cable
- Arctic-grade neoprene, flame-retardant jacket, resistant to oil abrasion, sunlight, acids and alkalines
- Jute or nylon fillers with mylar binder to reduce friction
- Fine-stranded copper conductor for maximum conductivity and flexibility



CALL US FOR OTHER OPTIONS ON PORTABLE CORD AND CONTROL CABLE

Wire & Cable

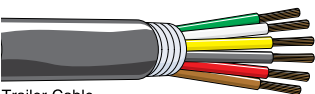
Trailer Cable Multi-Conductor



Trailer Cable 4 Conductor

4 Conductor

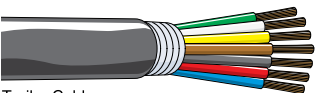
Gauge/Conductor	Part No.	Colors
16/4	234101	Black White
14/4	234102	Brown Red



Trailer Cable 6 Conductor

6 Conductor

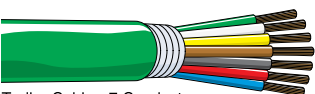
Gauge/Conductor	Part No.	Colors
16/6	234201	Green Black White
14/6	234202	Red Yellow Brown



Trailer Cable 7 Conductor

7 Conductor

Gauge/Conductor	Part No.	Colors
14/7	234301	Black Blue
14/6, 12/1 (white)	234302	Brown Green
14/4, 12/1 (blue)	234303	Red White
10/2, (white, black)		Yellow
12/6, 10/1 (white)	234304	



Trailer Cable - 7 Conductor (ABS - Green Jacket)

7 Conductor ABS Green Jacket

Gauge/Conductor	Part No.	Colors
12/4, 10/2, 8/1	234401	Black Blue Brown Green Red White Yellow



- For truck, bus, farm construction and commercial applications
- For use at 60V or less
- Fine-stranded copper conductor for maximum conductivity and flexibility
- Heavy duty PVC outer jacket protects against abrasion and resists moisture, oil and salt damage
- Meets or exceeds SAE J1128 and ATA specifications
- Flexible for easy routing, rated -67°F to 176°F (-55°C to 80°C)
- Color-coded conductors for easy circuit identification
- Junction block available

Portable Cord & Booster Cable

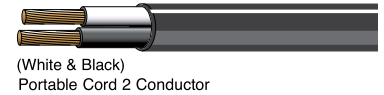


SJOOW Cord

- General purpose power supply cord for repair of drills, power tools, battery chargers and other electrical equipment
- Flexible synthetic rubber outer jacket is oil, weather and sunlight-resistant
- Inner conductors are also oil-resistant
- Temperature range -40°F to +194°F (-40°C to +90°C)
- 300V, UL and CSA certified for indoor or outdoor use
- Fine-stranded copper conductor for maximum conductivity and flexibility

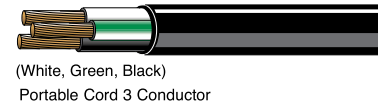
2 Conductor

Gauge	Part No.	Colors
16/2	270103	White Black
14/2	270104	
12/2	270107	



3 Conductor

Gauge	Part No.	Colors
16/3	270101	Green White Black
14/3	270102	
12/3	270105	

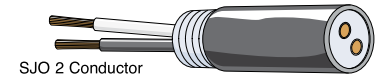


SJO Cord

- Flexible synthetic rubber outer jacket is moisture, oil and weather resistant
- Temperature range -40°F to +194°F (-40°C to +90°C)
- 300V, UL and CSA certified for indoor or outdoor use

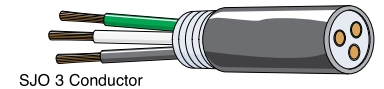
2 Conductor

Gauge	Part No.	Colors
18/2	220102	White Black



3 Conductor

Gauge	Part No.	Colors
16/3	220101	Green White Black



Plugs – Male and Female

- Use with portable cord
- Three conductor
- 15 amp, 125 volt

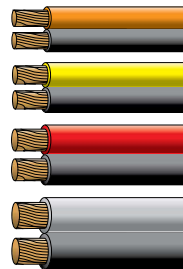
Description	Part No.
Three prong female plug	507201
Three prong male plug	507211



NEW!

Booster Cable – Twin Conductor

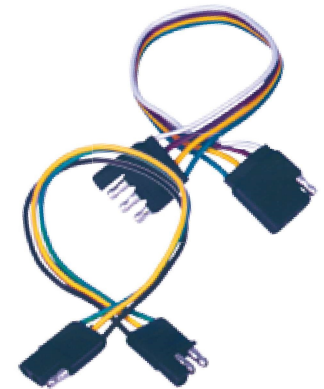
- Make up your own booster cables, for heavy duty clamps
- Can be used with SB type connectors for plug in convenience
- Abrasion-resistant for years of dependable service
- Insulation stays flexible in cold weather
- Bonded cable resists tangling
- Color-coded for polarity identification
- Temperature rated to -40°F (-40°C)
- Rated 50V
- Fine-stranded copper conductor for maximum conductivity and flexibility



Gauge	Part No.	Colors
6	204102	Orange Black
4	204103	Yellow Black
2	204104	Red Black
1	204105	Gray Black
1/0	204106	Black Black with red tracer

Continuous Loop and Trunk Kits

- Rated 50V, temperature rated +176°F (+80°C)
- Color-coded flat wire terminates with one male and one female molded connector at each end
- Continuous loop can be cut where needed
- Choice of 2, 3 or 4 pole styles
- Fine-stranded copper conductor for maximum conductivity and flexibility



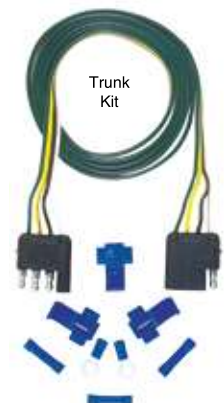
Trailer Connectors

Complete Trunk Kit

- Complete 4 pole trailer trunk kit
- Includes 3 inline splices, 3 butt splices and 2 ring terminals – nothing else required
- 60" continuous loop can be cut where needed

Continuous Loop Assemblies

Description	Part No.
12" – 4 pole m/f	235101
24" – 4 pole m/f	235105
60" – 4 pole m/f trunk kit	235110
23' – 4 pole m/f	235104
48" – 4 pole female	235210
25' – 5/wire – 4 pole wish bone	235250
12" – 2 pole M/F	235301
24" – 2 pole M/F	235310
12" – 3 pole M/F	235401
Protective cap for 4 pole male	235901



Wire & Cable

Cables for Commercial and Industrial Equipment



- Engineered for commercial and industrial equipment
- UL/CSA components should be used when equipment is used inside a building, meeting safety, insurance and government regulations
- Ideal for 6 or 12-volt batteries such as, GC2, Group 24, Group 27, etc.

Typical 12V Battery Layouts, Parallel and Series

- For side-by-side layouts, use short QuickLinks
- For end-to-end layouts, use longer QuickLinks
- Use Power Cables to connect batteries to starter or ground



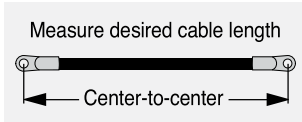
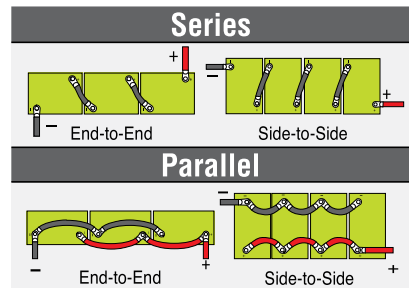
QuickLinks Between Batteries

Gauge	Battery Volts	Center-to-Center	Negative	Positive
4	6	7"	205301	205302
4	12	8-1/2"	205303	205304
2	6	7"	205311	205312
2	12	8-1/2"	205313	205314

Input/Output Power Cables

Gauge	Center-to-Center	Negative	Positive
2	24"	205401	205402
2	36"	205403	205404
2	48"	205405	205406

Gauge	Center-to-Center	Negative	Positive
1/0	24"	205411	205412
1/0	36"	205413	205414
1/0	48"	205415	205416



QuickLink® 2/0 Cables and Jumpers

- Made for truck, farm, construction and similar equipment
- 2/0 gauge fine-stranded copper conductor for maximum conductivity and flexibility
- Meets or exceeds SAE and OEM specifications
- Premium quality synthetic rubber insulated welding cable enables easy routing and cold weather flexibility
- Connection sealed with MagnaTube™ heat-shrink



QuickLinks® Between Batteries

Center to Center	Negative	Positive
8-1/2"	7625N	7626P
17"	7630N	7631P

For Stud Batteries Battery to Ground or Starter Lug to Lug

Length	3/8" - 3/8" (10 mm - 10 mm)	3/8" - 1/2" (10 mm - 13 mm)
10"	7910F	7910H
15"	7915F	7915H
20"	7920F	7920H
25"	7925F	7925H
30"	7930F	7930H
35"	7935F	7935H
40"	7940F	7940H
45"	7945F	7945H

For Post Batteries Battery to Ground or Starter Clamp to Lug - 3/8" Hole

Length	Negative	Positive
10"	7910N	7910P
15"	7915N	7915P
20"	7920N	7920P
25"	7925N	7925P
30"	7930N	7930P
35"	7935N	7935P
40"	7940N	7940P
45"	7945N	7945P

