

Polar Wire Products

Product Catalog



7941 Brayton Drive, Anchorage, Alaska • (907) 561-5955

www.polarwire.com



FOR OVER THREE DECADES, Polar Wire Products has exclusively manufactured and offered our premier arctic grade industrial wire: **Arctic Ultraflex Blue®** and **Arctic Superflex Blue®**

Our revolutionary flexible wire combines finely stranded copper construction with an insulation material designed to withstand the abuses of oil, sunlight, salt water, acids, and chemicals. Customers have subjected **Arctic Ultraflex Blue®** and **Arctic Superflex Blue®** wire to the harsh environments of Alaska, and proven that even in extreme temperatures to -55°C, this wire works!

We carry wire in a wide range of styles and configurations, and supply solderless terminals, compression and mechanical lugs, heat shrink and other wiring control products and tools.

We search out and source reliable, best quality parts to offer in our store, and use these as components in our cables, jumpers, extension cords, and other Polar Wire branded products as well.

Our web store and catalogs make it easy to order any of the thousands of quality products stocked in our warehouses, and orders are processed and shipped quickly.

Order online at store.polarwire.com or give us a call!

Our friendly, knowledgeable staff are dedicated to satisfying our customers.

Our catalog is regularly updated and revised. Please visit our website for the most current Polar Wire catalog.





Polar Wire Products, Inc

Corporate Office
7941 Brayton Drive
Anchorage, Alaska 99507

Office and Store
(907) 561-5955

24 Hour Fax
(907) 561-4233

Website
www.polarwire.com

Online Store
store.polarwire.com

Arctic Ultraflex Blue®

Single Conductor Wire	2
Power Cord	8
Extension Cords	10

Wire and Cable

Premium Boat Cable	12
Twin and Multi Conductor Trailer Cable	14
Multi Listed Flexible Wire	16

Arctic Superflex Blue®

Double Conductor Wire	18
Jumper Cable Construction	20
Jump Start Cables	22
J1283 Jump Start Mechanical Connectors	24
Jumper Cables	26
Replacement Clamps and Accessories	34

Polar Wire Custom and Prebuilt Cables

Eye to Eye and Battery Cables	36
We Build Custom Cables!	38

Battery Cable Components and Fittings

Heat Shrink Tubing	42
Plated Lugs, Power Lugs, Antirotational Lugs, Splices	50
Plated Battery Terminals	54
Battery Boots	58

Wire Management

Wire Cutting and Stripping Tools	59
Cable Ties	60
Electrical and Sealing Tape	64

Service Kits

Connectors, Terminals, Lugs, Shrink, Ties, and more	66
---	----

Power Connectors

SY® Connectors	72
Camlock Connectors	72
Heavy Duty Compression Lugs	76

Solderless Crimp Connectors

Heat Seal Terminals, Splices, and Crimpers	81
Nylon Insulated Terminals	86
Ferrules and Locking Connectors	88

Electrical Components and Circuit Protection

Blue Seas Systems — Marine Electrical Components	90
Cole Hersee — Electrical Switches and Components	92
Fuses and Fuse Holders, Circuit Breakers	94

Corrosion Control

CorrosionX®	96
-------------	----



Arctic Ultraflex Blue® Premier Arctic Grade Wire

ARCTIC ULTRAFLEX BLUE®

Arctic Ultraflex Blue®

Arctic Ultraflex Blue® continues to be the premier **arctic grade** wire rated and proven to work in extreme temperature ranges of -55°C to 105°C (-67°F to 221°F). This highly flexible wire combines finely stranded 100% Copper construction with a durable insulation material that resists the abuses of oil, sunlight, saltwater, acids, and chemicals.

Arctic Ultraflex Blue® is highly abrasion resistant and can be used in most 600V applications. UL Recognized as AWM (Appliance Wiring Material) Style 1698.

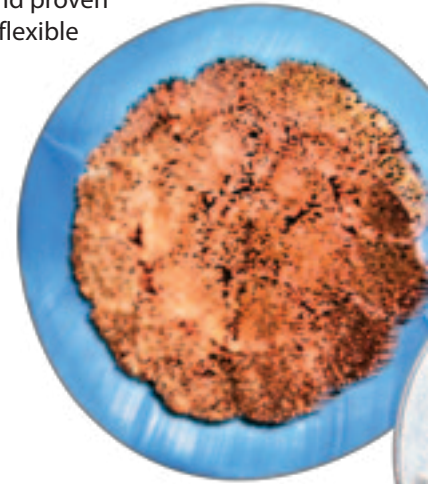
Arctic Ultraflex Blue® has numerous applications, including those approved under NEC article 400 and associated articles.

Applications

- UL 508A Industrial control panels
- Internal appliance and equipment wiring
- Inverter cables and wiring
- Industrial machines and robotics
- Construction equipment, forklifts, golf carts
- Marine, RV and automotive wiring
- Medium and heavy-duty trucks and trailers
- Load banks, motor leads, welding cable
- Batteries and chargers
- Power hookup cable



-55°C TO 105°C



Arctic Ultraflex Blue®
500 MCM - 5054/30
UL Class K Stranding
per conductor





Typical Legend E196955  AWM 500MCM OIL RESISTANT 600V VW-1 ... ARCTIC ULTRAFLEX BLUE® -55°C TO 105°C ... CSA 234608 TEW 105°C 600V FT1



Class K Copper Stranded Construction Specifications

Size	Class K Copper Strand Qty/AWG	Class K Copper Strand Style	Nominal Conductor Outside Diameter	Insulation Thickness	Nominal Finished Outside Diameter	Ampacity* 30°C (86°F)	Ampacity* 40°C (104°F)
18 AWG	16/30	Tinned	.045"	.030"	.105" ±.003"	n/a	n/a
16 AWG	26/30	Tinned	.057"	.030"	.118" ±.003"	26	24
14 AWG	41/30	Tinned	.070"	.030"	.130" ±.003"	38	36
12 AWG	65/30	Tinned	.092"	.030"	.152" ±.005"	44	41
10 AWG	105/30	Tinned	.120"	.030"	.180" ±.005"	60	56
8 AWG	168/30	Bare	.160"	.045"	.250" ±.010"	85	81
6 AWG	266/30	Bare	.200"	.060"	.325" ±.010"	115	106
4 AWG	420/30	Bare	.250"	.060"	.375" ±.010"	150	142
2 AWG	665/30	Bare	.325"	.060"	.450" ±.010"	205	193
1 AWG	836/30	Bare	.335"	.080"	.515" ±.015"	240	223
1/0 AWG	1045/30	Bare	.385"	.080"	.550" ±.015"	285	264
2/0 AWG	1330/30	Bare	.455"	.080"	.620" ±.015"	325	304
3/0 AWG	1672/30	Bare	.480"	.080"	.650" ±.015"	380	355
4/0 AWG	2109/30	Bare	.550"	.085"	.750" ±.015"	440	411
250 MCM	2451/30	Bare	.685"	.095"	.875" ±.020"	495	461
350 MCM	3458/30	Bare	.820"	.095"	1.010" ±.020"	620	512
500 MCM	5054/30	Bare	.995"	.110"	1.220" ±.020"	760	710

*Ampacities of 600V and 1000V 105°C AWM wires in air. **Note:** Ampacities based on single conductor in free air, 30°C (86°F) or 40°C (104°F) ambient temperature as specified, 105°C (221°F) conductor temperature, per table 310-17 of the NEC (adjusted for 105°C). Free air ratings assume a one-cable diameter spacing between adjacent conductors.

Polar Wire Products is the exclusive manufacturer of
Arctic Ultraflex Blue®
Premium Arctic Grade Wire

Arctic Ultraflex Blue® Single Conductor Wire

ARCTIC ULTRAFLEX BLUE®

Arctic Ultraflex Blue®

*Outstanding Flexibility
and Proven Performance
in Extreme Cold*



18 AWG 1000'

18 AWG 100'

16 AWG 100'

14 AWG 100'

12 AWG 100'

10 AWG 100'

18 AWG 1000'

18 AWG 500'

16 AWG 500'

14 AWG 500'

12 AWG 500'

10 AWG 500'

12 AWG 1000'

18 AWG 35'

16 AWG 30'

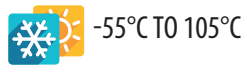
14 AWG 20'

12 AWG 15'

10 AWG 10'

**Large spools and
bulk quantities available**

- 100% copper flexible fine strand conductors are tinned for corrosion resistance and conductivity
- Ultraflexible, highly abrasion resistant insulation withstands water, oil, salt, chemicals, and sunlight
- Rated for -55°C to 105°C (-67°F to 221°F)
- Tested and proven in the harsh arctic environment of Alaska's North Slope



Single Conductor Wire 10 – 18 AWG

Arctic Ultraflex Blue® Finely Stranded Class K Tinned Copper

Bulk quantities available upon request

AWG	Stocked Wire Color	5000' Spool Part Number	2500' Spool Part Number	500' Spool Part Number	100' Spool Part Number	Clamshell Package Part Number	Length
18	● Black	AUF-18BLK	-	AUF-18BLK-500	AUF-18BLK-100	BP-18BLK	35'
18	● Blue	AUF-18BLU	-	AUF-18BLU-500	AUF-18BLU-100	BP-18BLU	35'
18	● Brown	AUF-18BRN	-	AUF-18BRN-500	AUF-18BRN-100	BP-18BRN	35'
18	● Green	AUF-18GRN	-	AUF-18GRN-500	AUF-18GRN-100	BP-18GRN	35'
18	● Gray	AUF-18GRY	-	AUF-18GRY-500	AUF-18GRY-100	BP-18GRY	35'
18	● Orange	AUF-18ORG	-	AUF-18ORG-500	AUF-18ORG-100	BP-18ORG	35'
18	● Red	AUF-18RED	-	AUF-18RED-500	AUF-18RED-100	BP-18RED	35'
18	○ White	AUF-18WHT	-	AUF-18WHT-500	AUF-18WHT-100	BP-18WHT	35'
18	● Yellow	AUF-18YEL	-	AUF-18YEL-500	AUF-18YEL-100	BP-18YEL	35'
16	● Black	AUF-16BLK	-	AUF-16BLK-500	AUF-16BLK-100	BP-16BLK	30'
16	● Blue	AUF-16BLU	-	AUF-16BLU-500	AUF-16BLU-100	BP-16BLU	30'
16	● Brown	AUF-16BRN	-	AUF-16BRN-500	AUF-16BRN-100	BP-16BRN	30'
16	● Green	AUF-16GRN	-	AUF-16GRN-500	AUF-16GRN-100	BP-16GRN	30'
16	● Gray	AUF-16GRY	-	AUF-16GRY-500	AUF-16GRY-100	BP-16GRY	30'
16	● Orange	AUF-16ORG	-	AUF-16ORG-500	AUF-16ORG-100	BP-16ORG	30'
16	● Red	AUF-16RED	-	AUF-16RED-500	AUF-16RED-100	BP-16RED	30'
16	○ White	AUF-16WHT	-	AUF-16WHT-500	AUF-16WHT-100	BP-16WHT	30'
16	● Yellow	AUF-16YEL	-	AUF-16YEL-500	AUF-16YEL-100	BP-16YEL	30'
14	● Black	AUF-14BLK	-	AUF-14BLK-500	AUF-14BLK-100	BP-14BLK	20'
14	● Blue	AUF-14BLU	-	AUF-14BLU-500	AUF-14BLU-100	BP-14BLU	20'
14	● Brown	AUF-14BRN	-	AUF-14BRN-500	AUF-14BRN-100	BP-14BRN	20'
14	● Green	AUF-14GRN	-	AUF-14GRN-500	AUF-14GRN-100	BP-14GRN	20'
14	● Gray	AUF-14GRY	-	AUF-14GRY-500	AUF-14GRY-100	BP-14GRY	20'
14	● Orange	AUF-14ORG	-	AUF-14ORG-500	AUF-14ORG-100	BP-14ORG	20'
14	● Purple	AUF-14PUR	-	AUF-14PUR-500	AUF-14PUR-100	BP-14PUR	20'
14	● Red	AUF-14RED	-	AUF-14RED-500	AUF-14RED-100	BP-14RED	20'
14	○ White	AUF-14WHT	-	AUF-14WHT-500	AUF-14WHT-100	BP-14WHT	20'
14	● Yellow	AUF-14YEL	-	AUF-14YEL-500	AUF-14YEL-100	BP-14YEL	20'
12	● Black	-	AUF-12BLK	AUF-12BLK-500	AUF-12BLK-100	BP-12BLK	15'
12	● Blue	-	AUF-12BLU	AUF-12BLU-500	AUF-12BLU-100	BP-12BLU	15'
12	● Brown	-	AUF-12BRN	AUF-12BRN-500	AUF-12BRN-100	BP-12BRN	15'
12	● Green	-	AUF-12GRN	AUF-12GRN-500	AUF-12GRN-100	BP-12GRN	15'
12	● Gray	-	AUF-12GRY	AUF-12GRY-500	AUF-12GRY-100	BP-12GRY	15'
12	● Orange	-	AUF-12ORG	AUF-12ORG-500	AUF-12ORG-100	BP-12ORG	15'
12	● Purple	-	AUF-12PUR	AUF-12PUR-500	AUF-12PUR-100	BP-12PUR	15'
12	● Red	-	AUF-12RED	AUF-12RED-500	AUF-12RED-100	BP-12RED	15'
12	○ White	-	AUF-12WHT	AUF-12WHT-500	AUF-12WHT-100	BP-12WHT	15'
12	● Yellow	-	AUF-12YEL	AUF-12YEL-500	AUF-12YEL-100	BP-12YEL	15'
10	● Black	-	AUF-10BLK	AUF-10BLK-500	AUF-10BLK-100	BP-10BLK	10'
10	● Blue	-	AUF-10BLU	AUF-10BLU-500	AUF-10BLU-100	BP-10BLU	10'
10	● Brown	-	AUF-10BRN	AUF-10BRN-500	AUF-10BRN-100	BP-10BRN	10'
10	● Green	-	AUF-10GRN	AUF-10GRN-500	AUF-10GRN-100	BP-10GRN	10'
10	● Gray	-	AUF-10GRY	AUF-10GRY-500	AUF-10GRY-100	BP-10GRY	10'
10	● Orange	-	AUF-10ORG	AUF-10ORG-500	AUF-10ORG-100	BP-10ORG	10'
10	● Red	-	AUF-10RED	AUF-10RED-500	AUF-10RED-100	BP-10RED	10'
10	○ White	-	AUF-10WHT	AUF-10WHT-500	AUF-10WHT-100	BP-10WHT	10'
10	● Yellow	-	AUF-10YEL	AUF-10YEL-500	AUF-10YEL-100	BP-10YEL	10'



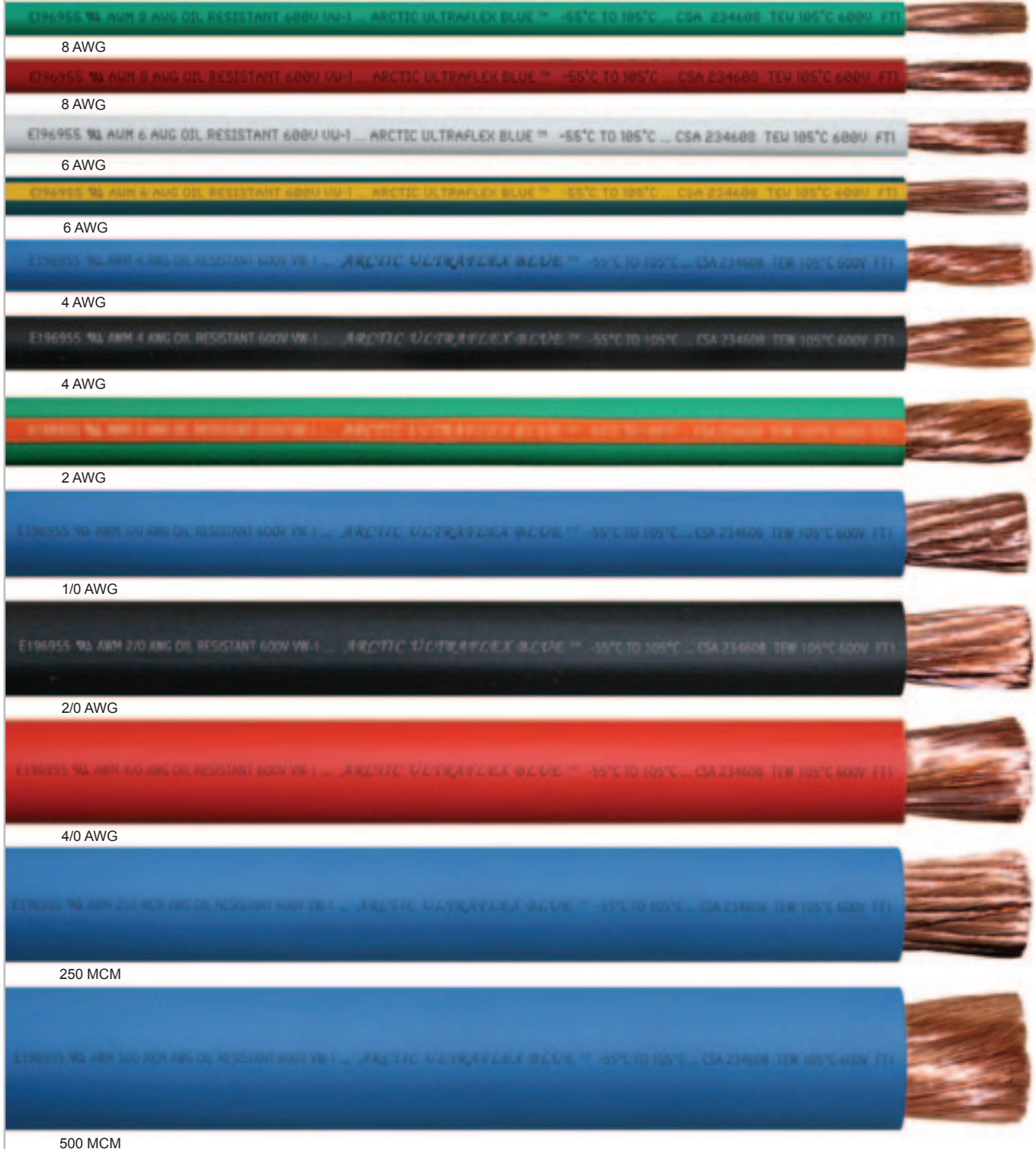
ARCTIC ULTRAFLEX BLUE®

Red and Black 14, 16, and 18 AWG are also stocked in 1000' spools, other colors on request

Arctic Ultraflex Blue® Single Conductor Wire

ARCTIC ULTRAFLEX BLUE®

Arctic Ultraflex Blue®



Single Conductor Wire 8 AWG – 500 MCM

ARCTIC ULTRAFLEX BLUE®

Arctic Ultraflex Blue® Wire Colors

8 AWG through 500 MCM is sold by the foot—coiled in lengths up to 100', and spooled in lengths over 100'.

Part Number	Size	Stocked Wire Color
AUF-8BLK	8 AWG	● Black
AUF-8BLU	8 AWG	● Blue
AUF-8RED	8 AWG	● Red
AUF-8WHT	8 AWG	○ White
AUF-8GRN	8 AWG	● Green
AUF-8GRN/YEL	8 AWG	● Green/Yellow Stripe
AUF-6BLK	6 AWG	● Black
AUF-6BLU	6 AWG	● Blue
AUF-6RED	6 AWG	● Red
AUF-6WHT	6 AWG	○ White
AUF-6GRN	6 AWG	● Green
AUF-6GRN/ORG	6 AWG	● Green/Orange Stripe
AUF-4BLK	4 AWG	● Black
AUF-4BLU	4 AWG	● Blue
AUF-4RED	4 AWG	● Red
AUF-4WHT	4 AWG	○ White
AUF-4GRN	4 AWG	● Green
AUF-4GRN/YEL	4 AWG	● Green/Yellow Stripe
AUF-2BLK	2 AWG	● Black
AUF-2BLU	2 AWG	● Blue
AUF-2RED	2 AWG	● Red
AUF-2WHT	2 AWG	○ White
AUF-2GRN	2 AWG	● Green
AUF-2GRN/ORG	2 AWG	● Green/Orange Stripe
AUF-2GRN/YEL	2 AWG	● Green/Yellow Stripe
AUF-1BLK	1 AWG	● Black
AUF-1RED	1 AWG	● Red
AUF-1/0BLK	1/0 AWG	● Black
AUF-1/0BLU	1/0 AWG	● Blue
AUF-1/0RED	1/0 AWG	● Red
AUF-2/0BLK	2/0 AWG	● Black
AUF-2/0BLU	2/0 AWG	● Blue
AUF-2/0RED	2/0 AWG	● Red
AUF-3/0BLK	3/0 AWG	● Black
AUF-3/0RED	3/0 AWG	● Red
AUF-4/0BLK	4/0 AWG	● Black
AUF-4/0BLU	4/0 AWG	● Blue
AUF-4/0RED	4/0 AWG	● Red
AUF-250MCM	250 MCM	● Blue
AUF-500MCMBLK	500 MCM	● Black
AUF-500MCMBLU	500 MCM	● Blue



-55°C TO 105°C

Custom colors and striping available on request — minimums apply

WIRE STRANDING COMPARISON CHART

Polar Wire Standard

Class B		Class C		Class G		Class H		Class I		Class K		Class M		Locomotive Cable	
Stranding	OD	Stranding	OD	Stranding	OD	Stranding	OD	Stranding	OD	Stranding	OD	Stranding	OD	Stranding	OD
2/0 / 19	.4205	2/0 / 37	.3750	1/0 / 133	.4240	1/0 / 259	.4240	N/A	-	N/A	-	1/0 / 2646	.4310	1/0 / 275	.4200
3/0 / 19	.4700	3/0 / 37	.4700	2/0 / 133	.4740	2/0 / 259	.4770	1/0 / 266	.4320	1/0 / 1045	.3850	N/A	-	2/0 / 325	.4600
4/0 / 19	.5280	4/0 / 37	.5300	3/0 / 133	.5330	3/0 / 259	.5330	2/0 / 342	.4700	2/0 / 1330	.4550	2/0 / 3325	.4600	N/A	-
250 MCM / 37	.5720	250 MCM / 61	.5760	N/A	-	N/A	-	3/0 / 418	.5450	3/0 / 1672	.4800	3/0 / 4256	.5750	3/0 / 450	.5650
350 MCM / 37	.6850	350 MCM / 61	.6813	250 MCM / 259	.6500	250 MCM / 427	.6530	250 MCM / 637	.6800	4/0 / 2109	.5500	4/0 / 5320	.6450	262.6 MCM / 650	.6500
400 MCM / 37	.8250	400 MCM / 61	.7290	300 MCM / 259	.7140	300 MCM / 427	.7160	300 MCM / 735	.7218	250 MCM / 2451	.6850	250 MCM / 6384	.6480	313.1 MCM / 775	.7100
500 MCM / 37	.8100	500 MCM / 61	.8145	350 MCM / 259	.7730	350 MCM / 427	.7720	350 MCM / 882	.8830	300 MCM / 2989	.7700	300 MCM / 7581	.8108	N/A	-
N/A	-	N/A	-	400 MCM / 259	.8260	400 MCM / 427	.8260	400 MCM / 980	.8380	350 MCM / 3458	.8200	350 MCM / 8806	.8822	373.7 MCM / 925	1.140
700 MCM / 61	.9640	700 MCM / 91	.9647	500 MCM / 259	.9220	500 MCM / 427	.9230	500 MCM / 1225	.9400	450 MCM / 4522	1.008	450 MCM / 11396	.9400	535.3 MCM / 1325	1.320
750 MCM / 61	.9980	750 MCM / 91	.9988	550 MCM / 427	.9230	550 MCM / 703	.9230	550 MCM / 1372	.9910	500 MCM / 5054	1.022	500 MCM / 12691	.9970	N/A	-
N/A	-	N/A	-	600 MCM / 427	.9690	600 MCM / 703	1.022	600 MCM / 1470	1.101	550 MCM / 5453	1.099	550 MCM / 13664	1.198	646.4 MCM / 1600	1.450
1000 MCM / 61	1.160	1000 MCM / 91	1.208	750 MCM / 427	1.131	750 MCM / 703	1.320	650 MCM / 1596	1.089	600 MCM / 5985	1.160	600 MCM / 14945	1.280	N/A	-

Arctic Ultraflex Blue® Power Cord

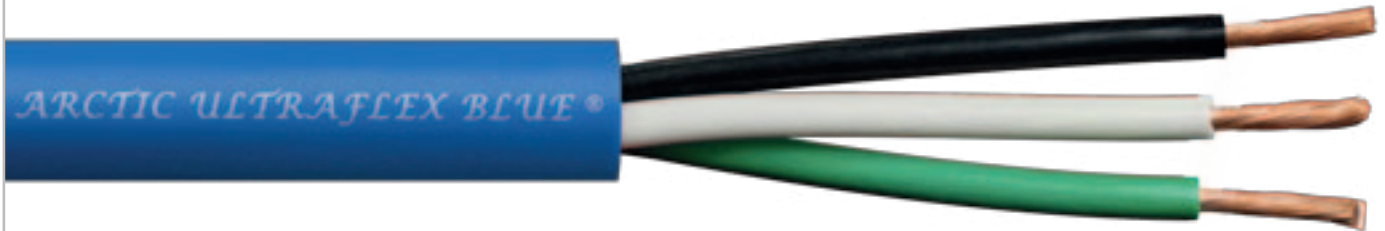
ARCTIC ULTRAFLEX BLUE®

Arctic Ultraflex Blue®

**100% Copper Conductors for Reliable Portable Power
Stays Flexible and Easy to Handle to -50°C**

Polar Wire **Power Cord** provides mechanical toughness and flexibility in cold conditions down to -50°C (-58°F). The SEOWW **Arctic Ultraflex Blue®** insulation remains flexible and won't become stiff or crack, even in these extreme temperatures. **Arctic Ultraflex Blue®** has excellent abrasion resistance and withstands oils, greases, gas, salt, sunlight, and chemicals.

Typical applications include power and lighting for construction sites and wiring for industrial machines, large appliances, heavy duty tools, and motors. Suitable for indoor and outdoor use, wet locations, and water submersion. 600 Volts.



Features

- Flexible, tough TPE jacket
- Works under temperature extremes of -50°C to 105°C (-58°F to 221°F)
- Color coded conductors for easy identification
- Ozone, sunlight, water resistant with high dielectric insulation
- Excellent abrasion and cut resistance
- Water and mold resistant non-wicking polypropylene fillers
- Lightweight, long lasting, easy to carry and handle
- All components are recyclable and non-hazardous for environmental landfill disposal

Industry Approvals

- UL Listed SEOWW 600V for NEC Article 400
- CSA Certified ST00W (TPE) -50°C to 105°C
- P-241-3-MSHA approval for flame resistance and mining applications
- Federal and Military use under Federal Spec. JC-580B



Applications

- Suitable for and approved for submersion in water
- Special uses requiring flexibility and mechanical toughness, high environmental resistance and flame retardance
- Motor control, stage equipment and lighting
- Pendant push button remote controls
- Industrial control and robotic systems
- Machine and power tools
- Portable power
- Dockside power applications
- Mining and outdoor applications



-50°C TO 105°C



Power Cord (-50°C to 105°C)

600V Power Cord 18 – 4 AWG

Part Number	Gauge/Number of Conductors	Stranding Quantity/AWG	Nominal Outside Diameter	Amps**
AUF-182*	18/2	16/30	.345"	10
AUF-183*	18/3	16/30	.365"	10
AUF-184*	18/4	16/30	.395"	7
AUF-185*	18/5	16/30	.465"	5.6
AUF-162*	16/2	26/30	.370"	13
AUF-163	16/3	26/30	.390"	13
AUF-164*	16/4	26/30	.420"	10
AUF-165*	16/5	26/30	.495"	8
AUF-142*	14/2	41/30	.505"	18
AUF-143	14/3	41/30	.525"	18
AUF-144*	14/4	41/30	.575"	15
AUF-145*	14/5	41/30	.652"	12
AUF-122*	12/2	65/30	.570"	25
AUF-123	12/3	65/30	.595"	25
AUF-124*	12/4	65/30	.645"	20
AUF-125*	12/5	65/30	.710"	16
AUF-102*	10/2	104/30	.655"	30
AUF-103	10/3	104/30	.662"	30
AUF-104*	10/4	104/30	.705"	25
AUF-105*	10/5	104/30	.771"	20
AUF-84*	8/4	7x24/30	.929"	35
AUF-64*	6/4	7x37/30	1.038"	45
AUF-44*	4/4	7x60/30	1.232"	60

*Special order (minimums apply)

**Ampacity based on NEC Table 400.5 (A) and CEC Table 12

Note: The ampacity chart is provided for engineering information only. Polar Wire Products, Inc. cannot recommend or express the use of these ampacities since the exact application may need approval from the authority having local jurisdiction. This information is subject to engineering changes. Cold temperature rating is -50°C.

Jacket Color Blue

Conductors 18 to 10 AWG Stranded Bare Copper

Conductor Colors 2/C – black, white

3/C – black, white, green

4/C – black, white, red, green

5/C – black, white, red, green, orange

Typical Legend **Arctic Ultraflex Blue®**

E224869 16 AWG (1.31mm2)

2/C SEOWW (UL) 600V 105C

(-50C) -- CSA 265576 SEOWW 600V

105C (-50C) FT2 WATER RESISTANT

**3-Conductor 16, 14, 12, and 10 AWG Power Cord fully stocked
Supplies may be limited on other sizes and configurations**

Please call for availability



ARCTIC ULTRAFLEX BLUE®

Arctic Ultraflex Blue® Extension Cords

ARCTIC ULTRAFLEX BLUE®

Arctic Ultraflex Blue®

Designed for Unbeatable Performance in the Most Demanding Conditions

Tough, durable Polar Wire **Extension Cords** are designed for ease of handling and superior performance in cold weather applications. The SEOOW **Arctic Ultraflex Blue®** jacket remains flexible to -50°C (-58°F) and won't become stiff or crack, even in extreme temperatures. **Arctic Ultraflex Blue®** has excellent abrasion resistance and withstands oils, greases, gas, salt, sunlight, and chemicals. Clear NEMA 5-15 and 5-20 molded ends with steel retention rings light arctic blue to provide instant power verification. Polar Wire extension cords are available in a variety of length and gauge configurations, or specify custom sizes and colors to suit your needs.

- Our rugged cords **OUTPERFORM** and **OUTLAST** the imitators
- Proven dependable in the worst winter weather
- Industrial grade, contractor quality
- Heavy duty molded-in blades fit tightly so water won't penetrate
- **Arctic Ultraflex Blue®** power cords are exceptionally easy to handle—won't tangle or kink



Typical Cord Legend

Arctic Ultraflex Blue® E224869
W 12 AWG (3.31mm²) 3/C SEOOW (UL)
600V 105C (-50C) -- CSA 265576 SEOOW
600V 105C (-50C) FT2 WATER-RESISTANT

Features

- Superior flexibility in -50°C to 105°C (-58°F to 221°F)
- Class K fine stranded copper construction
- Resists oil, grease, chemicals, abrasion, sunlight and weather
- Clear NEMA 5-15 and 5-20 molded ends light when energized
- Steel retention rings provide extra security and strain relief
- Reinforced blades and pins
- UL and CSA Approved
- Flame retardant (VW-1)
- Environmentally safe
- Made in the USA

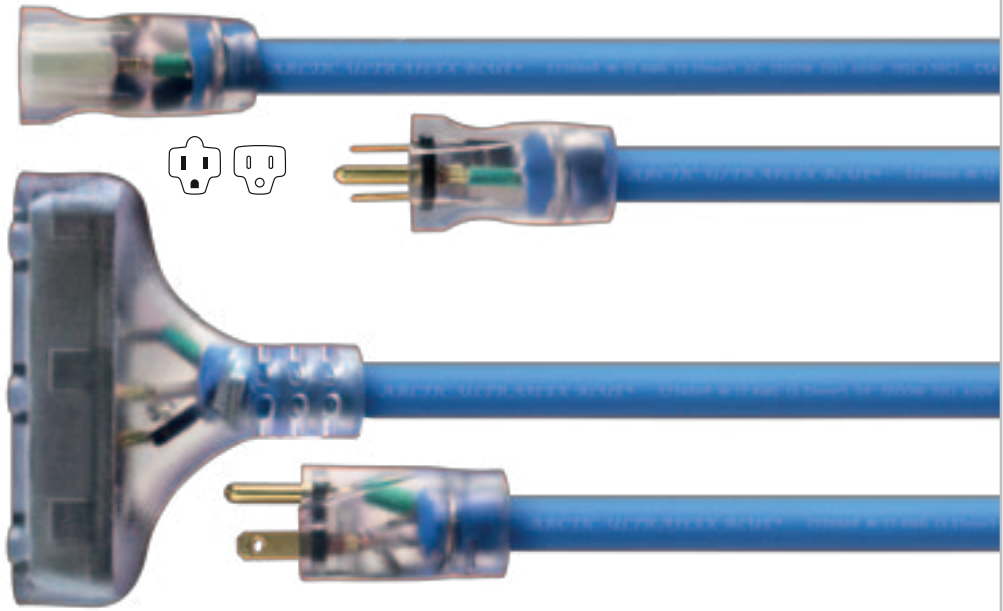


NEMA 5-15 Extension Cords

Single Outlet NEMA 5-15

Part Number	AWG	Length
AUF-PC12-10	12	10'
AUF-PC12-25	12	25'
AUF-PC12-50	12	50'
AUF-PC12-100	12	100'
AUF-PC14-10*	14	10'
AUF-PC14-25	14	25'
AUF-PC14-50	14	50'
AUF-PC14-100*	14	100'
AUF-PC16-10*	16	10'
AUF-PC16-25*	16	25'
AUF-PC16-50*	16	50'

*Special order (minimums apply)



Triple Outlet NEMA 5-15

Part Number	AWG	Length
AUF-PCT12-3	12	3'
AUF-PCT12-10	12	10'
AUF-PCT12-25	12	25'
AUF-PCT12-50	12	50'
AUF-PCT12-100	12	100'



NEMA 5-20 Extension Cords

Single Outlet NEMA 5-20

Part Number	AWG	Length
AUF-PC10-25	10	25'
AUF-PC10-50	10	50'
AUF-PC10-100	10	100'



 -50°C TO 105°C

Configured for 20 Amp outlet
Does not fit in standard wall outlet



Arctic Ultraflex Blue®
is used extensively on
Alaska's Arctic North Slope



ARCTIC ULTRAFLEX BLUE®

Multi-Conductor Boat Cable

Round and Flat Triplex Boat Cable

Polar Wire's exclusive UL Listed premium multi-conductor **Boat Cable** is designed for outstanding performance and corrosion protection in harsh marine environments.

100% copper Class K stranding provides exceptional flexibility, eases installation and reduces fatigue from vibration and flexing.

Features

- UL listed Tinned Copper Boat Cable
- 10, 12, 14, and 16 AWG **Triplex** with black, white, and green conductor colors
- 6, 8, 10, 12, 14, 16, and 18 AWG **DC Duplex** with red/black or red/yellow conductors
- Ultra-flexible Class K fine stranding
- Tinned for protection against corrosion and electrolysis
- Designed specifically for easier handling and installation in cramped spaces
- Opt for round cable for best all-direction bending ability, or choose the space saving flat profile for tight spaces and stacking
- Flat profile is constructed without fillers to facilitate jacket removal and wire stripping
- Resists saltwater, oil and gasoline, heat, sunlight, abrasion
- 600 volts up to 105°C (221°F) dry, and 75°C (167°F) wet
- Flexible in cold conditions
- Manufactured by Polar Wire in the USA



Marine grade **Triplex Boat Cable** is configured in round and flat profiles with black, white, and green conductors and white TPE outer jacket. 100% copper Class K fine stranded conductors are ultra flexible and tinned for maximum corrosion resistance and long performance. Construction meets and exceeds UL 1426, CSA, and ABYC standards.

Rated for 600 volts, 105°C dry, 75°C wet. Durable jacket resists salt water, oil, gas, sunlight, heat, and abrasion.



Typical Legend

POLAR WIRE BOAT CABLE E321438 (UL) 10 AWG 3/COND VW-1 600V 105C DRY 75C WET OIL RESISTANT BC-5W2 MADE IN USA RoHS COMPLIANT — CSA TEW 105C OR AWM I A/B 105C 600V FT1 265576

Flat Black/White/Green Triplex

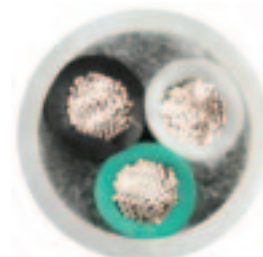
Part Number 100' Spool	Part Number 500' Spool	Conductor AWG/Qty
BLACK, WHITE, AND GREEN CONDUCTORS		
BCF163-100	BCF163-500	16/3
BCF143-100	BCF143-500	14/3
BCF123-100	BCF123-500	12/3
BCF103-100	BCF103-500	10/3



10 AWG FLAT

Round Black/White/Green Triplex

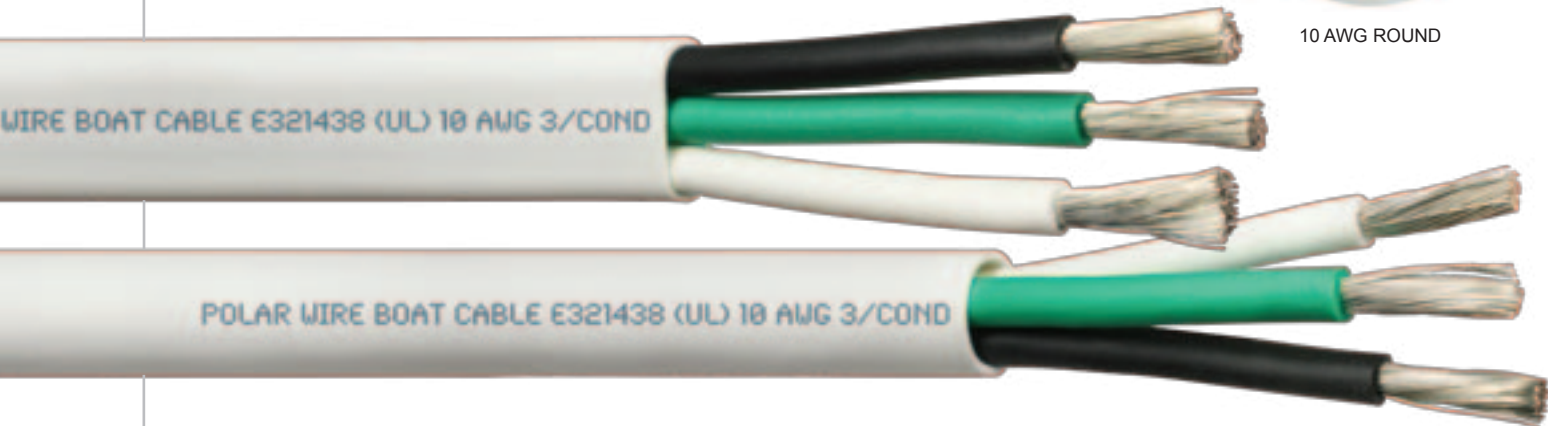
Part Number 100' Spool	Part Number 500' Spool	Conductor AWG/Qty
BLACK, WHITE, AND GREEN CONDUCTORS		
BCR163-100	BCR163-500	16/3
BCR143-100	BCR143-500	14/3
BCR123-100	BCR123-500	12/3
BCR103-100	BCR103-500	10/3



10 AWG ROUND



TO 105°C DRY, 75°C WET





Round and Flat DC Duplex Boat Cable

WIRE AND CABLE

Marine grade **DC Duplex Boat Cable** is constructed with 100% copper ultra flexible Class K fine stranding, tinned for maximum corrosion resistance and long performance. **DC Duplex** is configured in flat and round profiles with ABYC recommended red insulated (DC positive) and yellow insulated (DC negative) conductors, or in flat profile with red and black conductors. White TPE outer jacket. Construction meets and exceeds UL 1426, CSA, and ABYC standards.

Rated 600 volts, 105°C dry, 75°C wet. Resists vibration and flexing fatigue, oil, gas, salt water, sun, heat, and abrasion. Manufactured in the USA by Polar Wire.

Typical Legend

POLAR WIRE BOAT CABLE E321438
 (UL) 8 AWG 2/COND VW-1 600V 105C
 DRY 75C WET OIL RESISTANT BC-5W2
 MADE IN USA RoHS COMPLIANT —
 CSA TEW 105C OR AWM
 I A/B 105C 600V
 FT1 265576



Flat Red/Black DC Duplex

Part Number 100' Spool	Part Number 500' Spool	Conductor AWG/Qty
---------------------------	---------------------------	----------------------

RED AND BLACK CONDUCTORS

BCF182RB-100	BCF182RB-500	18/2
BCF162RB-100	BCF162RB-500	16/2
BCF142RB-100	BCF142RB-500	14/2
BCF122RB-100	BCF122RB-500	12/2
BCF102RB-100	BCF102RB-500	10/2
BCF82RB-100	-	8/2
BCF62RB-100	-	6/2



8 AWG FLAT

Flat Safety Yellow/Red DC Duplex

Part Number 100' Spool	Part Number 500' Spool	Conductor AWG/Qty
---------------------------	---------------------------	----------------------

YELLOW AND RED CONDUCTORS

BCF182YR-100	BCF182YR-500	18/2
BCF162YR-100	BCF162YR-500	16/2
BCF142YR-100	BCF142YR-500	14/2
BCF122YR-100	BCF122YR-500	12/2
BCF102YR-100	BCF102YR-500	10/2
BCF82YR-100	-	8/2
BCF62YR-100	-	6/2



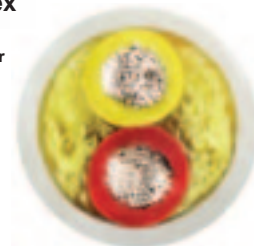
10 AWG FLAT

Round Safety Yellow/Red DC Duplex

Part Number 100' Spool	Part Number 500' Spool	Conductor AWG/Qty
---------------------------	---------------------------	----------------------

YELLOW AND RED CONDUCTORS

BCR182YR-100	BCR182YR-500	18/2
BCR162YR-100	BCR162YR-500	16/2
BCR142YR-100	BCR142YR-500	14/2
BCR122YR-100	BCR122YR-500	12/2
BCR102YR-100	BCR102YR-500	10/2



10 AWG ROUND



TO 105°C DRY, 75°C WET



Arctic Ultraflex Blue® Twin and Multi-Conductor Trailer Cable

WIRE AND CABLE

Arctic Ultraflex Blue® Twin Trailer Cable

Arctic Ultraflex Blue® Trailer Cable is manufactured exclusively by Polar Wire Products using our arctic grade jacket material that is ultra flexible, lightweight, abrasion resistant and chemical, oil, gas, and water resistant. Conductors are Class K fine stranded 100% copper, tinned for corrosion resistance. Designed to perform in extreme cold weather, Polar Wire Trailer Cable stays flexible in extreme temperatures of -55° to 105°C (-67°F to 221°F).

Arctic Ultraflex Blue® Twin Trailer Cable features red and black tinned conductors and is available in sizes 18 through 10 AWG.

Features

- Finely stranded 100% Copper
- Tinned for corrosion resistance
- Flexible to -55°C (-67°F)
- 600 Volt rated
- Industry standard colors
- Exceeds SAE standards
- Resists acids, chemicals, oil, gas, sunlight, salt, water

Applications

- Trailer wiring
- DC power needs
- Solar panel and tracker wiring
- Renewable energy projects
- Robotics and related equipment



Typical Legend

ARCTIC ULTRAFLEX 14 AWG POWER & CONTROL TRAY CABLE TYPE TC 600V SUN RES



AUF-TC182



AUF-TC162



AUF-TC142



AUF-TC122



AUF-TC102

Twin Trailer Cable

Gray outer jacket



-55°C TO 105°C

Part Number	Conductor Size	Qty	Colors
AUF-TC182	18 AWG	2	Black, Red
AUF-TC162	16 AWG	2	Black, Red
AUF-TC142	14 AWG	2	Black, Red
AUF-TC122	12 AWG	2	Black, Red
AUF-TC102	10 AWG	2	Black, Red



*Custom colors and configurations available — minimums may apply
Contact us for special orders and lead times*



AUF-TC122

Arctic Ultraflex Blue® Multi-Conductor Trailer Cable

Arctic Ultraflex Blue® Multi-Conductor Trailer Cable is made with 100% copper conductors in 4 and 7 conductor configurations. Class K fine stranded conductors are tinned to resist corrosion (AUF-TC1014-7 is bare copper).

Multi-Conductor Trailer Cable is designed for superior flexibility and long performance in extreme temperatures of -55° to 105°C (-67°F to 221°F). 600 Volts. Sold by the foot.

Features

- Finely stranded 100% Copper
- Tinned (except AUF-TC1014-7)
- Flexible to -55°C (-67°F)
- Industry standard colors
- Exceeds SAE standards
- Resists acids, chemicals, oil and gas, sunlight, salt, water

Applications

- Trailer wiring, DC power needs
- Solar panel and tracker wiring
- Renewable energy projects
- Robotics and related equipment

Typical Legend

ARCTIC ULTRAFLEX 1-12/6-14 AWG POWER & CONTROL TRAY CABLE TYPE TC 600V SUN RES



-55°C TO 105°C



AUF-TC1012-7



AUF-TC1014-7



AUF-TC1214-7



AUF-TC144



AUF-TC1012-7



Multi-Conductor Trailer Cable

Blue outer jacket

Part Number Style	Conductor Qty	Conductor Size	Conductor Color	Nominal OD
AUF-TC1012-7	1	10 AWG	White	0.66"
<i>Tinned</i>	6	12 AWG	Black, Red, Blue, Green, Yellow, Brown	
AUF-TC1014-7	3	10 AWG	White, Black, Red	0.62"
<i>Bare Copper</i>	4	14 AWG	Blue, Green, Yellow, Brown	0.59"
AUF-TC1214-7	1	12 AWG	White	
<i>Tinned</i>	6	14 AWG	Black, Red, Blue, Green, Yellow, Brown	
AUF-TC144	4	14 AWG	White, Green, Yellow, Brown	0.57"
<i>Tinned</i>				

Multi-Listed Flexible Wire

WIRE AND CABLE

THHW / TEW / MTW / AWM / BC-5W2 / SAE TYPE SGT



THHW-10BLK



THHW-8RED



THHW-6GRN



THHW-4RED



THHW-2BLK



THHW-1/0RED



THHW-2/0BLK



THHW-4/0RED



THHW-250MCMBLK



THHW-500MCMBLK

Flexible Wire Ratings and Certifications:

Flexible Building Wire

An excellent oil, heat, acid, and moisture resistant Class K Flexing Service Wire constructed with 30 AWG stranding for superior flexibility. Conductors are soft annealed 100% copper with no aluminum, constructed to ASTM Specification B172. Extra-flexible extruded, high dielectric PVC insulation.

- Rated for -40°C to 105°C (-40°F to 221°F)
- UL Listed and CSA Certified

Fine Strand Battery Cable

More flexible than standard battery cable even in very cold temperatures, cables made with Multi-Listed Flexible Wire withstand persistent vibration and flexing for reliability and longevity. Ideal for battery and starter cables, ground cables, and jumper cables.

- Fine strand annealed 100% copper conductor with a tough oil, heat, acid, and water resistant PVC insulation
- Meets and exceeds SAE standards, marine ratings

Flexible Welding Cable

30 AWG Class K fine stranded annealed copper conductors provide excellent conductivity and flexibility, reducing operator fatigue and improving efficiency. The tough, extra-flexible, high dielectric PVC insulation resists abrasion, oils, acids, heat, flame, and moisture, and performs reliably in severe cold temperatures and high heat conditions.

- Rated for -40°C to 105°C (-40°F to 221°F)
- Meets UL VW-1 and CSA FT1 flame test requirements.

Single Conductor Marine Boat Cable

BC-5W2 Boat Cable rated for 600 Volts. This flexible wire resists vibration and flexing fatigue, withstands salt water, oil, and fuel exposure, and stays pliable in cold from -40°C to 105°C (-40°F to 221°F). Its 30 AWG Class K fine 100% copper stranding and highly flexible insulation eases installation in the constricted spaces and tight corners typical of boats.

- Meets or exceeds ABYC standards
- Meets UL VW-1 and CSA FT1 flame test requirements



-40°C TO 105°C

Additional colors available by special order — minimums may apply

Multipurpose, Multi-Listed Flexible Wire

Features

- Excellent oil, heat, acid, and moisture resistance
- Class K Flexing Service Wire constructed with 30 AWG stranding for superior flexibility and conductivity
- Soft annealed bare copper made to ASTM Specification B172 with extra-flexible extruded, high dielectric polyvinyl chloride (PVC) insulation
- Rated for -40°C to 105°C (-40°F to 221°F)

Applications

- Multipurpose use in NEC Article 310 and NFPA Standard 79 applications
- Internal appliance wiring, electronic circuits, instrument panels, switchboards, fluorescent ballasts, recreational vehicles, boat cable, renewable energy systems
- Motor and transformer leads, battery cables, hookup wire, welding leads, jumper cables



Industry Approvals

- Meets UL VW-1 and CSA FT1 flame test requirements
- UL Listed and Approved for 600V
- Meets or exceeds UL, ABYC and SAE standards
- NEC types Machine Tool Wire and THHW
- 1/0 to 750 MCM are CT (Cable Tray) approved
- UL AWM styles 1232, 1284, 1338, 1426
- 6 AWG also UL1337, 1 to 4/0 also UL1338
- CSA Certified. TEW FT-1 for 6 to 4/0 AWG, AWM I A/B FT-1 for 250 to 750 MCM



Typical Legend

E321440 2 AWG (33.62mm²) 600 VOLT
(UL) TYPE MTW VW-1 OR THHW OR BOAT CABLE
BC-5W2 OR AWM STYLES 1232/1284/1338/10269 . . .
CSA 234608 TEW 105°C 600V FT1 OR AWM I A/B
600 VOLT 105°C 600V FT1 . . . FOR SAE TYPE SGT

Class K Finely Stranded Multipurpose Flexible Wire THHW / TEW / MTW / AWM / BC-5W2 / SAE TYPE SGT

Part Number	Color	AWG	MM2	Bare Copper Stranding Qty/AWG	Nominal Cable OD	Wall Thickness	UL Style	Ampacity** Dry	Ampacity** Wet
THHW-10BLK	● Black	10	5.26	105/30	.180"	.030"	1015	105	90
THHW-8BLK	● Black	8	8.37	168/30	.250"	.045"	1028	105	90
THHW-8RED	● Red	8	8.37	168/30	.250"	.045"	1028	105	90
THHW-6BLK	● Black	6	13.30	259/30	.325"	.060"	1232	105	95
THHW-6RED	● Red	6	13.30	259/30	.325"	.060"	1232	105	95
THHW-4BLK	● Black	4	21.15	420/30	.375"	.060"	1232	140	125
THHW-4RED	● Red	4	21.15	420/30	.375"	.060"	1232	140	125
THHW-2BLK	● Black	2	33.61	665/30	.515"	.060"	1232	190	170
THHW-2RED	● Red	2	33.61	665/30	.515"	.060"	1232	190	170
THHW-1BLK*	● Black	1	42.40	836/30	.575"	.080"	1232	220	195
THHW-1RED*	● Red	1	42.40	836/30	.575"	.080"	1232	220	195
THHW-1/0BLK	● Black	1/0	53.50	1064/30	.655"	.080"	1232	260	230
THHW-1/0RED	● Red	1/0	53.50	1064/30	.655"	.080"	1232	260	230
THHW-2/0BLK	● Black	2/0	67.40	1323/30	.662"	.080"	1232	300	265
THHW-2/0RED	● Red	2/0	67.40	1323/30	.662"	.080"	1232	300	265
THHW-3/0BLK*	● Black	3/0	85.00	1666/30	.765"	.080"	1232	350	310
THHW-3/0RED*	● Red	3/0	85.00	1666/30	.765"	.080"	1232	350	310
THHW-4/0BLK	● Black	4/0	107.0	2107/30	.875"	.085"	1232	405	360
THHW-4/0RED	● Red	4/0	107.0	2107/30	.875"	.085"	1232	405	360
THHW-250MCMBLK	● Black	250 MCM	127.0	2499/30	.880"	.095"	1284	455	405
THHW-500MCMBLK	● Black	500 MCM	253.0	5054/30	1.160"	.095"	1284	700	620
THHW-750MCMBLK*	● Black	750 MCM	380.0	7448/30	1.380"	.110"	1284	885	785

* Available by special order. Additional colors available upon request. Minimums may apply.

** 105°C ampacities adapted from ICEA P-54-440 /NEMA WC51-1986 R1991. The ampacities provided are for informational purposes only. Acceptance of these values by any governing body is the responsibility of the end user. Ampacities are based on a single conductor, in free air, at 30°C ambient air temperature.

Some sizes available in tinned copper by special order — minimums apply

Arctic Superflex Blue® Double Conductor Wire

ARCTIC SUPERFLEX BLUE®

Arctic Superflex Blue®

Arctic Superflex Blue® double conductor wire has been tested and used successfully for over three decades in the harsh environment of Alaska's Arctic North Slope. Flexibility is achieved by combining finely stranded 100% copper conductors with insulation that resists oil and gas, acids, chemicals, salt water and sunlight. Arctic Superflex Blue® cables are highly abrasion resistant and can be used in most 600 volt applications.



Arctic Superflex Blue®

Part Number	Wire Gauge	Stranding per Conductor
ASF-8X2	8 AWG	168/30
ASF-6X2	6 AWG	266/30
ASF-4X2	4 AWG	420/30
ASF-2X2	2 AWG	665/30
ASF-1/0X2	1/0 AWG	1064/30
ASF-3/0X2	3/0 AWG	1672/30



Polar Wire Products
is the exclusive manufacturer of
Arctic Superflex Blue®
Premium Arctic Grade Double Conductor Wire

*Polarity stripe extruded
into insulation*

Double Conductor Wire

ARCTIC SUPERFLEX BLUE®

Thermoplastic Elastomer Insulation

- Same insulation as **Arctic Ultraflex Blue®**
- Cold weather flexibility to -55°C (-67°F)
- High temperature performance to 105°C (221°F)
- Chemical, abrasion, water, and sunlight resistant
- Parallel bonded construction
- Polarity stripe extruded into insulation
- Tangle resistant and easy to handle

Copper Stranding

- Flexible Class K fine stranded 100% copper
- Built to the same UL/AWG specifications as **Arctic Ultraflex Blue®**
- **Exceeds** SAE standards

Applications

- Battery and jumper cables
- Wind and solar power systems
- Outboard motor leads
- Tow truck booster systems
- ATV and RV power cables
- Uninterrupted power supply systems (UPS)



-55°C TO 105°C

Size and Colors

- Available 8 AWG through 3/0 AWG
- Other sizes, custom colors and striping available on request—minimums apply

Typical Legend

1/0 AWG 2/C ARCTIC SUPERFLEX BLUE
-55C TO 105C VW-1 600 VOLTS OIL RESISTANT



Arctic Superflex Blue®
1/0 AWG
1064/30 UL Class K
strands per conductor

*Custom colors
and striping available*

We use Arctic Superflex Blue® double conductor cable exclusively in our stock and custom jumper cable systems

- Stays flexible to -55°C (-67°F)
- 100% COPPER conductors—Absolutely NO ALUMINUM!
- Considerably more copper than standard auto jumper cables
- Highly abrasion and chemical resistant wire insulation
- Extruded polarity stripe for safety identification



Arctic Superflex Blue® Booster/Jumper Cables

ARCTIC SUPERFLEX BLUE® JUMPER CABLES

Arctic Superflex Blue® Jumper Cables and Systems

The Very Best Jumper Cables Available ANYWHERE!

Polar Wire **Jumper Cables and Systems** are made exclusively with **Arctic Superflex Blue®** cable for unmatched performance and durability. Our cables are ideal for personal to commercial applications.

Proven in the most extreme environments and sub-zero weather, our cables stay flexible in temperatures of -55°C to 105°C.

- **Extensively used and proven on Alaska's Arctic North Slope**
- **Stays flexible and PERFORMS in the coldest storm**
- **100% Copper Conductors**
- **Absolutely NO ALUMINUM!**
- **CONSIDERABLY more copper than standard automotive jumper cables**
- **Highly abrasion and chemical resistant**
- **Extruded polarity stripe for safety**

PROUDLY
BUILT IN THE
WITH TOP QUALITY
AMERICAN MADE WIRE



Arctic Superflex Blue® jumper cables handle with exceptional ease and won't tangle or kink, even in extreme cold!



- Ideal for automotive, fleet and service applications
- Proven in extreme temperatures of -55°C to 105°C (-67°F to 221°F)
- Resistant to the abuses of oil, gas, acids, chemicals, salt water and sun
- Highly abrasion resistant
- Use in most 600V applications
- Built using UL/CSA Listed or Recognized parts and processes
- **Exceeds** SAE standards
- **LIFETIME LIMITED WARRANTY** on manufacturing and materials

Applications

Sizes 8, 6, 4, 2, 1/0, and 3/0 gauge, in various lengths and configurations:

8 and 6 AWG - light duty applications

- ATVs, UTVs, snow machines, motorcycles, scooters, floor scrubbers, personal watercraft

4 AWG - most auto/marine use

- Cars, pickups, diesels, marine engines

2 AWG - heavy equipment

- Trucks, tractors, light planes, most commercial applications

1/0 and 3/0 AWG - extreme duty

- Earth moving equipment, aircraft, extended distances

Configurations

Clamp to Clamp

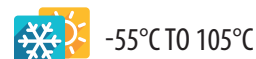
- High mobility and versatility

Harness to Clamp

- Ideal for utility vehicles

Harness to Harness

- For fleet vehicles



Arctic Superflex Blue® Jumper Cable Construction

Hands-On Construction—Quality-Checked at Every Step!

Built with top quality components and processes for long, trouble-free service

Our cables start with our **Arctic Superflex Blue®** Double Conductor Wire

- Flexible, tangle resistant, and easy to handle in deep cold to -55°C (-67°F)
- 100% copper Class K fine strand conductors
- High temperature performance to 105°C (221°F)
- Highly abrasion-resistant insulation stands up to oil, gasoline, salt water, acids, chemicals, sunlight
- Parallel bonded construction, extruded polarity stripe

Solid Copper lugs, contacts and clamps

- Solid copper lugs are securely crimped to cable ends
- Heat shrink is applied to lugs, contacts, and cable to seal out dirt and corrosion and provide strain relief
- Heavy gauge copper clamps are bolted to cables for easy replacement in case of accidental damage

Harness Power Connectors

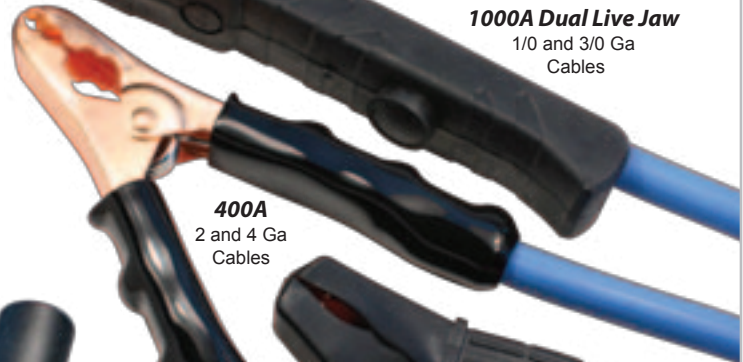
- Harness cables are fitted with impact resistant polycarbonate Lexan® power connectors
- Connectors feature silver-plated copper contacts and tempered 301 stainless steel contact springs
- Superior tolerance to extreme heat or cold
- High physical and dielectrical strength

Jump Start Connectors

- Heavy equipment cables are built with field serviceable SAE J1283 connectors
- 500 amps continuous, 2000 amps intermittent 30 seconds
- High impact ABS plastic housings
- Zinc coated terminals



1000A Dual Live Jaw
1/0 and 3/0 Ga
Cables



400A
2 and 4 Ga
Cables

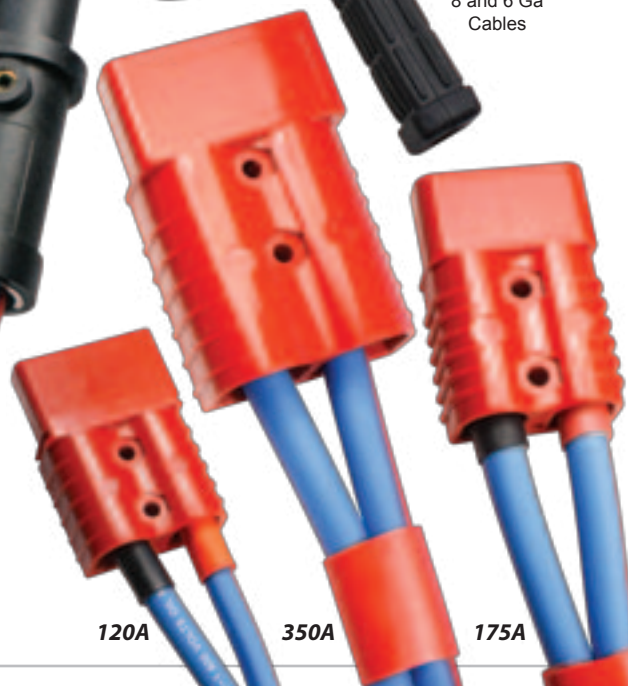
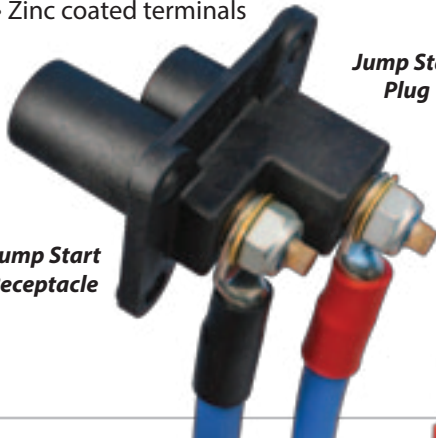


100A
8 and 6 Ga
Cables



**Jump Start
Plug**

**Jump Start
Receptacle**



120A

350A

175A

ARCTIC SUPERFLEX BLUE® JUMPER CABLES



Arctic Superflex Blue® Plug to Plug Jump Start Cables

High Ampacity J1283 Jump Start Connectors and Arctic Superflex Blue® for Outstanding All-Weather Performance and Long, Dependable Service Life

Fully compatible with the J1283 connectors used by top manufacturers including Caterpillar, Komatsu, and CASE

- Sized to meet heavy duty commercial and industrial requirements and standards
- Made with 1/0 AWG premium Arctic grade **Arctic Superflex Blue®**
- Tough, flexible, and reliable in the most challenging conditions
- Highly abrasion-resistant insulation stands up to oil, gas, salt water, acids, chemicals, and sunlight
- -55°C to 105°C (-67°F to 221°F)
- Extruded polarity stripe
- High ampacity SAE J1283 Jump Start Plugs are rated 500A continuous, 2000A intermittent 30 seconds
- Plug connector mates with SAE J1283 Receptacle
- Connector design ensures proper connection and polarity
- Zinc coated copper terminals
- High impact ABS plastic housing
- Meets or exceeds SAE J1283 performance standards



Plug to Plug



-55°C TO 105°C

1/0 Gauge J1283 Plug to Plug Cables

Part Number	Configuration	Length
JSP-1/0-15P	Plug to Plug	15'
JSP-1/0-30P	Plug to Plug	30'

PROUDLY BUILT IN THE USA
WITH TOP QUALITY AMERICAN MADE WIRE

Let us custom build your Jump Start cables!

Fit your custom **Arctic Superflex Blue®** Heavy Equipment Jump Start Cables with copper lugs, power connectors, dust covers, butt splices, clamps, or blunt cut the ends, and specify the length. We build to your requirements. Fast turnaround. Call us today!



1/0 GAUGE ARCTIC SUPERFLEX BLUE® JUMP START CABLES



Arctic Superflex Blue® Plug to Plug Jump Start Cables

High Ampacity J1283 Jump Start Connectors and Arctic Superflex Blue® for Outstanding All-Weather Performance and Long, Dependable Service Life

Fully compatible with the J1283 connectors used by top manufacturers including Caterpillar, Komatsu, and CASE

- Sized to meet heavy duty commercial and industrial requirements and standards
- Made with 1/0 AWG premium Arctic grade **Arctic Superflex Blue®**
- Tough, flexible, and reliable in the most challenging conditions
- Highly abrasion-resistant jacket stands up to oil, gas, salt water, acids, chemicals, and sunlight
- Rated for -55°C to 105°C
- Extruded polarity stripe
- High ampacity SAE J1283 Jump Start Plugs are rated 500 amps continuous, 2000 amps intermittent 30 seconds
- Plug connector mates with SAE J1283 Receptacle
- Connector design ensures proper connection and polarity
- Zinc coated copper terminals
- High impact ABS plastic housing
- Meets or exceeds SAE J1283 performance standards




-55°C TO 105°C

1/0 Gauge J1283 Plug to Plug Cables

Part Number	Configuration	Length
JSP-1/0-15P	Plug to Plug	15'
JSP-1/0-30P	Plug to Plug	30'

PROUDLY BUILT IN THE USA
WITH TOP QUALITY AMERICAN MADE WIRE

Let us custom build your Jump Start cables!

Fit your custom **Arctic Superflex Blue®** Heavy Equipment Jump Start Cables with copper lugs, power connectors, dust covers, butt splices, clamps, or blunt cut the ends, and specify the length. We build to your requirements. Fast turnaround. Call us today!



1/0 GAUGE ARCTIC SUPERFLEX BLUE® JUMP START CABLES

SAE J1283 Jump Start Mechanical Connectors

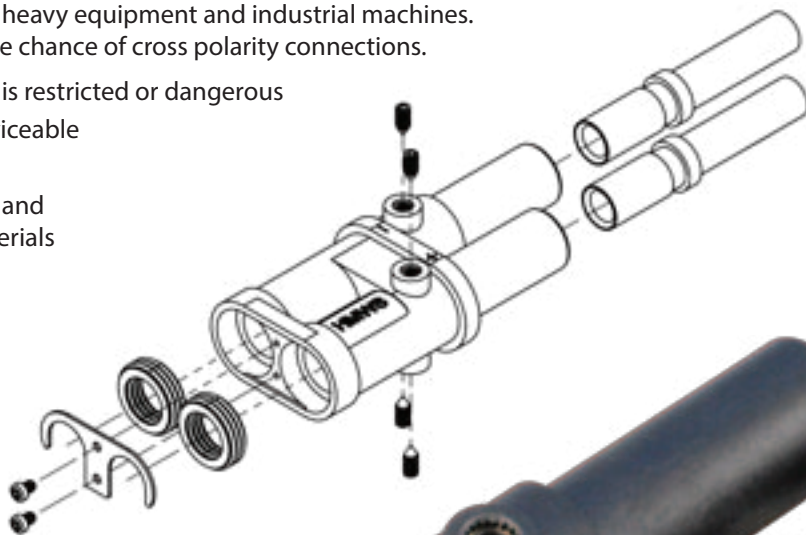
JUMP START MECHANICAL CONNECTORS

SAE J1283 Jump Start Mechanical Plug Connector

One of the **HIGHEST AMPACITY RATED** Connectors **ON THE PLANET!**
500 Amps Continuous, 2000 Amps Intermittent 30 Seconds

Heavy duty, high capacity **SAE J1283 Jump Start Connectors** provide secure electrical connections for charging or starting heavy equipment and industrial machines. The special plug shape eliminates the chance of cross polarity connections.

- Ideal for use where terminal access is restricted or dangerous
- Mechanically applied and field serviceable
- Keyed to ensure correct polarity
- Design reduces chance of sparking and possible ignition of flammable materials
- Zinc coated copper terminals
- High impact ABS plastic housing
- Meets or exceeds SAE J1283 performance standards



JS-PLUG
J1283 Plug
Connector



**Fully compatible
with the J1283 connectors
used by top manufacturers including
Caterpillar, Komatsu, and CASE**





SAE J1283 Jump Start Mechanical Receptacle

JUMP START MECHANICAL CONNECTORS



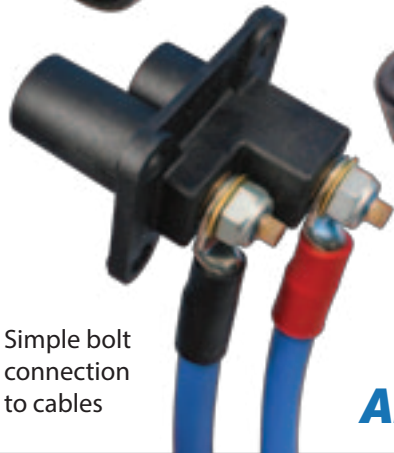
- No arbitrary limits on cable length or direction of attachment
- Simple inventory—just a few parts work for every Jump Start application

JS-KIT-TERM
J1283 Receptacle,
Cap, and Bracket

Receptacle



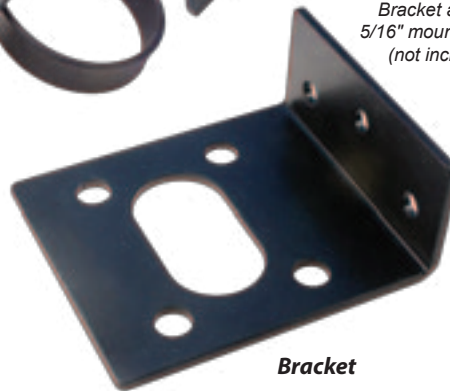
Bracket accepts
5/16" mounting bolts
(not included)



- Simple bolt connection to cables



Cap



Bracket

Arctic Ultraflex Blue® Eye to Eye Cables

Fit your J1283 Receptacle with Polar Wire's 1/0 AWG **Arctic Ultraflex Blue®** Eye-to-Eye Cables for superior conductivity and cold-weather flexibility. 100% copper fine stranded conductors and a tough insulation that stands up to abrasion, chemicals, water and sunlight. Adhesive heat shrink seals the cable ends against the penetration of corrosive elements and provides color coding for polarity identification.

- Heavy duty 3/8" tin-plated copper lugs
- Heat shrink seals out corrosion

Negative – Blue cable, black shrink

Positive – Blue cable, red shrink

Arctic Ultraflex Blue® cables carry our limited **LIFETIME WARRANTY** on manufacturing and materials

Specify the right length for your application!



Arctic Superflex Blue® 1/0 Gauge Booster Cables

110 GAUGE ARCTIC SUPERFLEX BLUE® JUMPER CABLES


1/0 Gauge Arctic Superflex Blue® Clamp to Clamp Cables

Unmatched Performance and Durability

Fast, Reliable Starts in the Coldest Weather

- Our cables contain **considerably** more copper than standard automobile jumper cables
- **Arctic Superflex Blue®** 1/0 gauge jumper cables are made for extreme duty use—mining equipment, small aircraft, extended distances
- Stays super flexible and easy to handle, even in deep cold
- Highly abrasion-resistant insulation stands up to water, oil, salt, chemicals, sunlight
- Heavy gauge copper clamps with rugged PVC overmolded insulation
- Braided copper bonding strap sends continuous current to both jaws for higher amperage
- Heat shrink provides strain relief and corrosion protection
- Built with UL/CSA listed parts and processes
- **Exceeds** SAE standards



 -55°C TO 105°C

1000 Amp
Dual Live Jaw
Clamps

Extruded
polarity stripe

1/0 Gauge Clamp to Clamp Cables

Part Number	Length	Clamps
JC-1/0-20	20'	1000A
JC-1/0-25	25'	1000A
JC-1/0-30	30'	1000A



Our jumper cable clamps are bolted on—not riveted—for easy replacement, and cable ends are heat shrink sealed for a lifetime of trouble-free performance

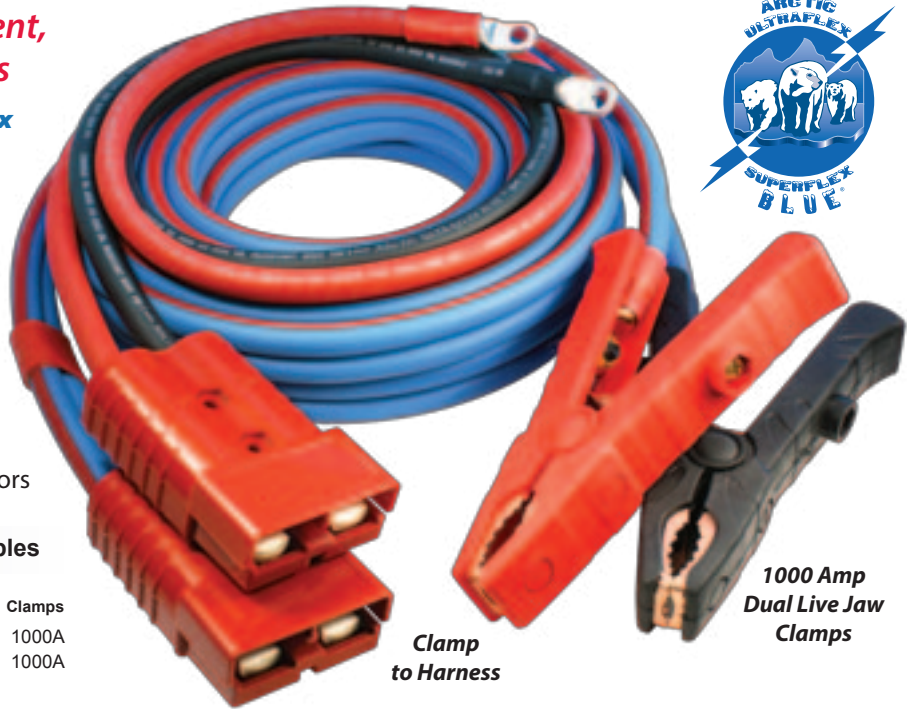
Polar Wire 1/0 gauge cables include a durable 13.5" x 3.5" nylon canvas bag for easy carrying and convenient storage. Extra wide zippered opening, side pocket, sturdy nylon webbing handles



1/0 Gauge Arctic Superflex Blue® Clamp to Harness Cables

Great for Heavy Equipment, Tow Trucks, Fleet Services

- Tough, flexible **Arctic Superflex Blue®** double conductor wire
- **Arctic Ultraflex Blue®** leads
- 1000 Amp heavy copper clamps
- Braided copper bonding strap energizes both jaws
- Impact-resistant polycarbonate power connectors mate securely
- 3/8" heavy duty copper lugs
- Heat shrink seals out corrosion
- Replaceable clamps and connectors



Clamp to Harness

1000 Amp Dual Live Jaw Clamps

1/0 Gauge Clamp to Harness Cables

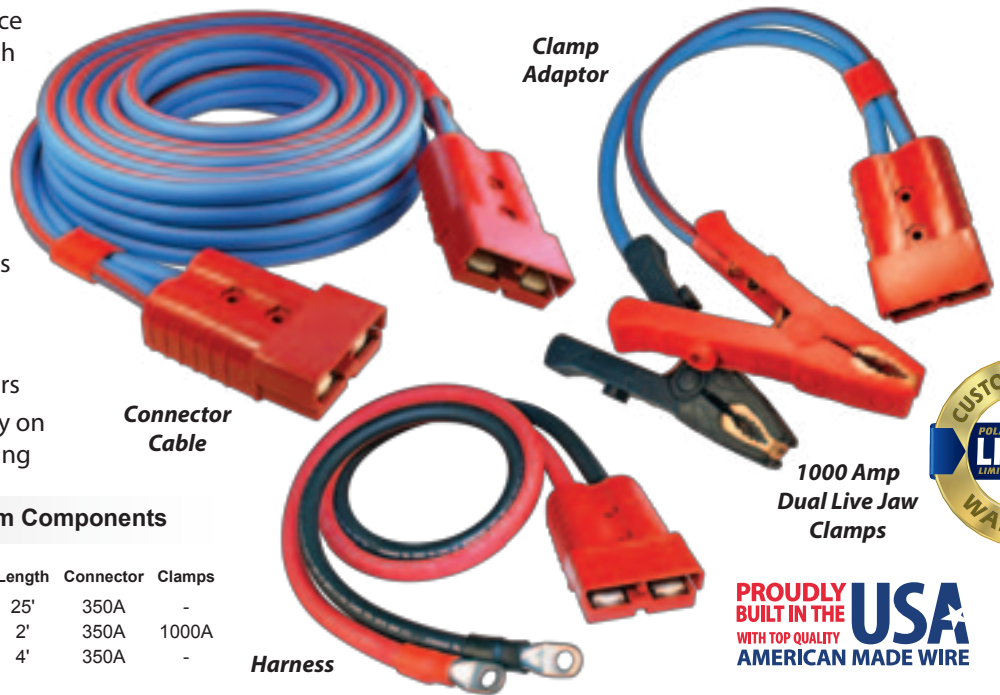
Part Number	Length	Harness	Connector	Clamps
JC-1/0-254	25'	4'	350A	1000A
JC-1/0-304	30'	4'	350A	1000A

1/0 Gauge Arctic Superflex Blue® Harness Components

Expand your fleet and service vehicle booster systems with Polar Wire modular harness system components.

Fit connector cables with harness or clamp adaptors, or add a clamp adaptor to our clamp-to-harness cables for on-the-fly conversion.

- 1000 Amp copper clamps
- Impact-resistant connectors
- **LIFETIME** Limited Warranty on materials and manufacturing



Clamp Adaptor

Connector Cable

1000 Amp Dual Live Jaw Clamps

Harness

1/0 Gauge Harness System Components

Part Number	Component	Length	Connector	Clamps
JC-1/0-25DD	Connector Cable	25'	350A	-
JC-1/0-2DC	Clamp Adaptor	2'	350A	1000A
JC-1/0-4D	Harness	4'	350A	-



PROUDLY BUILT IN THE USA
WITH TOP QUALITY AMERICAN MADE WIRE

Arctic Superflex Blue® 2 Gauge Booster Cables

2 GAUGE ARCTIC SUPERFLEX BLUE® JUMPER CABLES

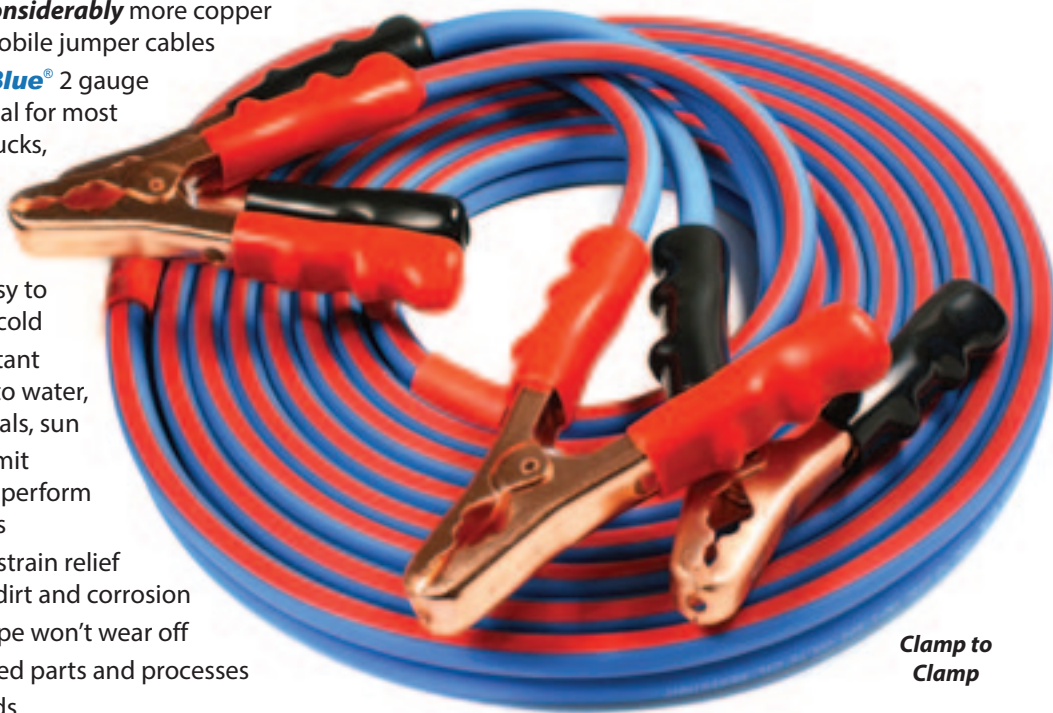
2 Gauge Arctic Superflex Blue® Clamp to Clamp Cables

Powerful — Durable — Reliable — Cost Effective

100% COPPER Clamps, Conductors and Lugs—Absolutely NO ALUMINUM!

PROUDLY
BUILT IN THE **USA**
WITH TOP QUALITY
AMERICAN MADE WIRE

- Our cables contain **considerably** more copper than standard automobile jumper cables
- **Arctic Superflex Blue®** 2 gauge jumper cables are ideal for most commercial uses—trucks, tractors, light planes
- Easily repaired
- Built for long life
- Super flexible and easy to handle even in deep cold
- Highly abrasion-resistant insulation stands up to water, oil, salt, acids, chemicals, sun
- Copper clamps transmit more current and outperform copper-plated clamps
- Heat shrink provides strain relief and protection from dirt and corrosion
- Extruded polarity stripe won't wear off
- Built with UL/CSA listed parts and processes
- **Exceeds** SAE standards



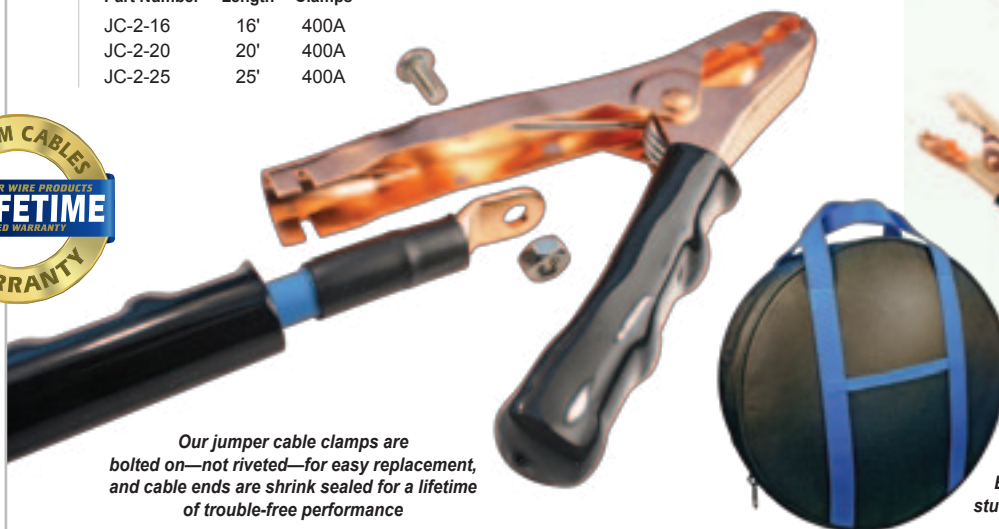
Clamp to
Clamp

2 Gauge Clamp to Clamp Cables



-55°C TO 105°C

Part Number	Length	Clamps
JC-2-16	16'	400A
JC-2-20	20'	400A
JC-2-25	25'	400A



Our jumper cable clamps are bolted on—not riveted—for easy replacement, and cable ends are shrink sealed for a lifetime of trouble-free performance

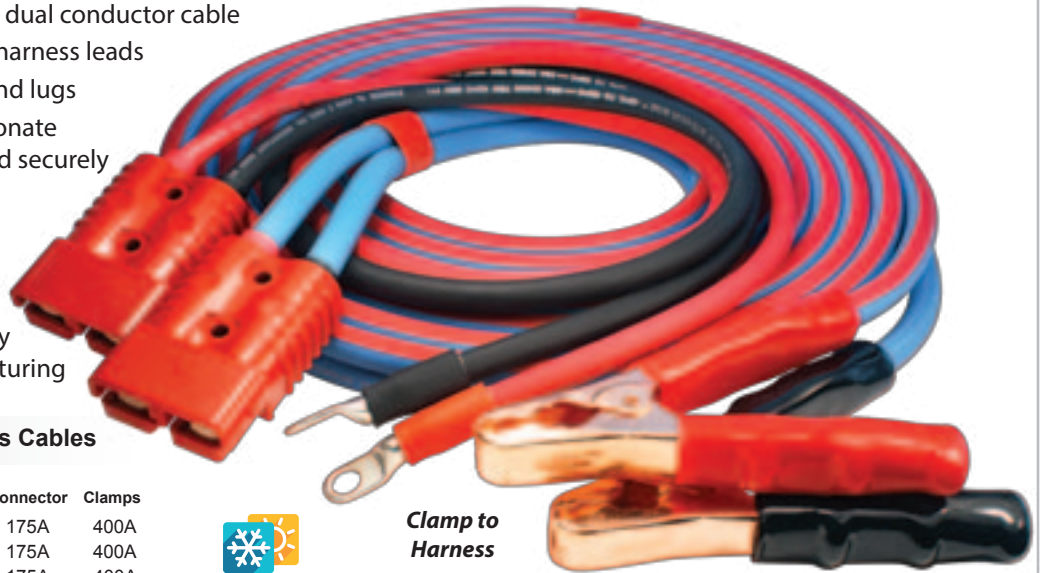


Polar Wire 2 gauge Jumper Cables come with a durable 13" x 3" nylon canvas bag for easy carrying and convenient storage. Extra wide zippered opening, side pocket, sturdy nylon webbing handles

2 Gauge Arctic Superflex Blue® Clamp to Harness Cables

Equip Your Service Trucks with the Finest Jumper Cables Available ANYWHERE!

- Arctic Superflex Blue® dual conductor cable
- Arctic Ultraflex Blue® harness leads
- 400 amp copper clamps and lugs
- Impact-resistant polycarbonate connectors mate easily and securely
- Heat shrink relieves strain and seals out corrosion
- Stays tangle-free and flexible in extreme cold
- **LIFETIME** Limited Warranty on materials and manufacturing



2 Gauge Clamp to Harness Cables

Part Number	Length	Harness	Connector	Clamps
JC-2-164	16'	4'	175A	400A
JC-2-204	20'	4'	175A	400A
JC-2-254	25'	4'	175A	400A
JC-2-304	30'	4'	175A	400A



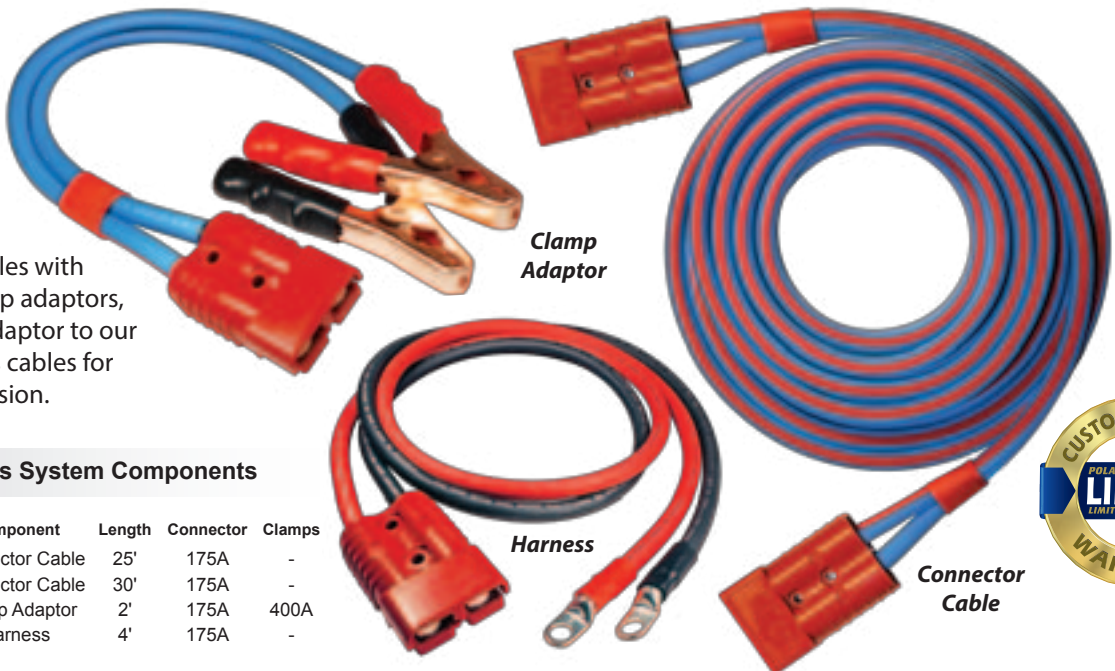
-55°C TO 105°C

**Clamp to
Harness**

2 Gauge Arctic Superflex Blue® Harness Components

Versatile modular components make expanding your fleet and service vehicle booster systems cost effective.

Fit connector cables with harness and clamp adaptors, or add a clamp adaptor to our clamp-to-harness cables for on-the-fly conversion.



2 Gauge Harness System Components

Part Number	Component	Length	Connector	Clamps
JC-2-25DD	Connector Cable	25'	175A	-
JC-2-30DD	Connector Cable	30'	175A	-
JC-2-2DC	Clamp Adaptor	2'	175A	400A
JC-2-4D	Harness	4'	175A	-

Harness

**Connector
Cable**



Arctic Superflex Blue® 4 Gauge Booster Cables

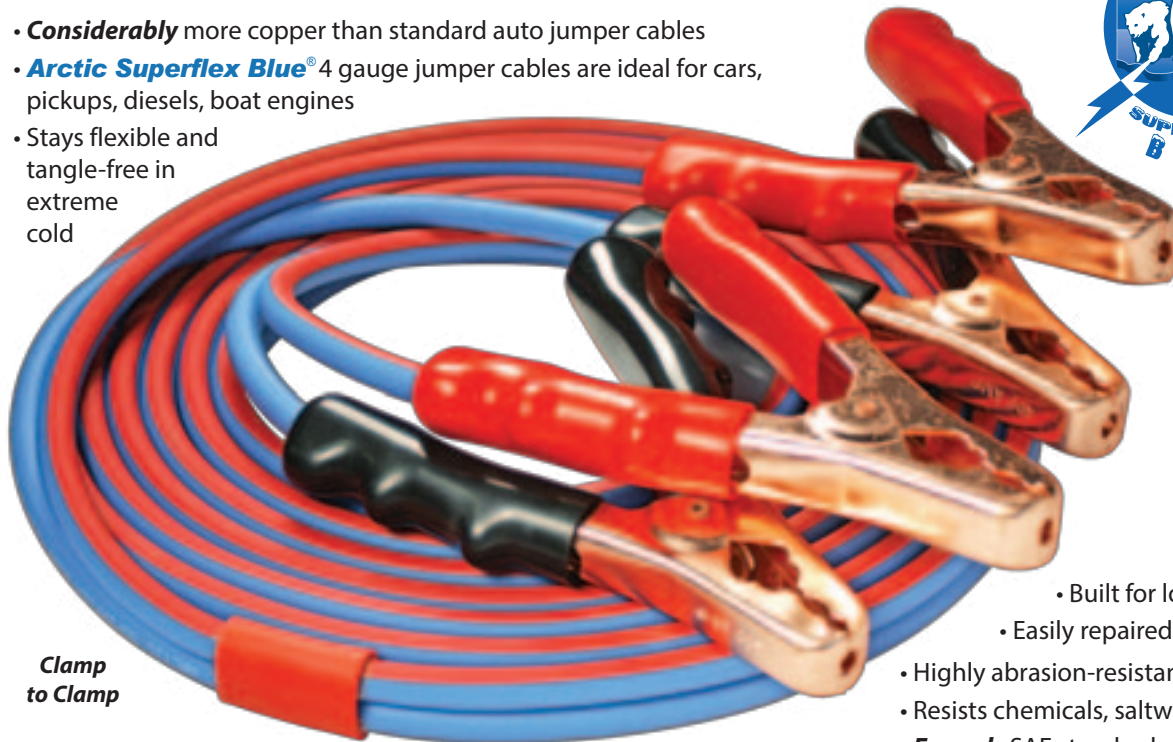
4 GAUGE ARCTIC SUPERFLEX BLUE® JUMPER CABLES

4 Gauge Arctic Superflex Blue® Clamp to Clamp Cables

Top Quality Jumper Cables for Your Fleet—or Your Family!

100% COPPER Clamps and Conductors—Absolutely NO ALUMINUM!

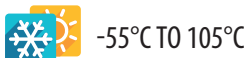
- **Considerably** more copper than standard auto jumper cables
- **Arctic Superflex Blue®** 4 gauge jumper cables are ideal for cars, pickups, diesels, boat engines
- Stays flexible and tangle-free in extreme cold



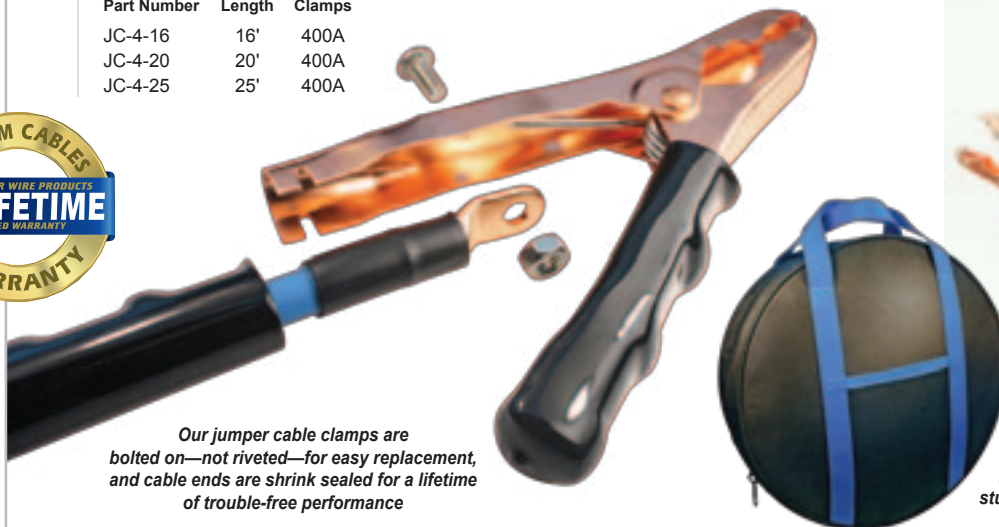
Clamp to Clamp

- Built for long life
- Easily repaired if needed
- Highly abrasion-resistant insulation
- Resists chemicals, saltwater, sun
- **Exceeds** SAE standards

4 Gauge Clamp to Clamp Cables



Part Number	Length	Clamps
JC-4-16	16'	400A
JC-4-20	20'	400A
JC-4-25	25'	400A



Our jumper cable clamps are bolted on—not riveted—for easy replacement, and cable ends are shrink sealed for a lifetime of trouble-free performance



Polar Wire 4 gauge Jumper Cables come with a durable 13" x 3" nylon canvas bag for easy carrying and convenient storage. Extra wide zippered opening, side pocket, sturdy nylon webbing handles.

4 Gauge Arctic Superflex Blue® Clamp to Harness Cables

**Cold Weather RELIABLE—
Keep Your Vehicles ON THE ROAD!**

Ideal for Fleet and Utility Vehicles

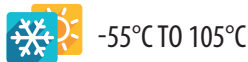
- **Arctic Superflex Blue®** parallel bonded double conductor cable
- **Arctic Ultraflex Blue®** red and black harness leads
- 400 amp copper clamps and tinned copper lugs
- Impact-resistant polycarbonate connectors mate easily, securely
- **LIFETIME** Limited Warranty on materials and manufacturing



Clamp to Harness

4 Gauge Clamp to Harness Cables

Part Number	Length	Harness	Connector	Clamps
JC-4-164	16'	4'	175A	400A
JC-4-204	20'	4'	175A	400A
JC-4-254	25'	4'	175A	400A



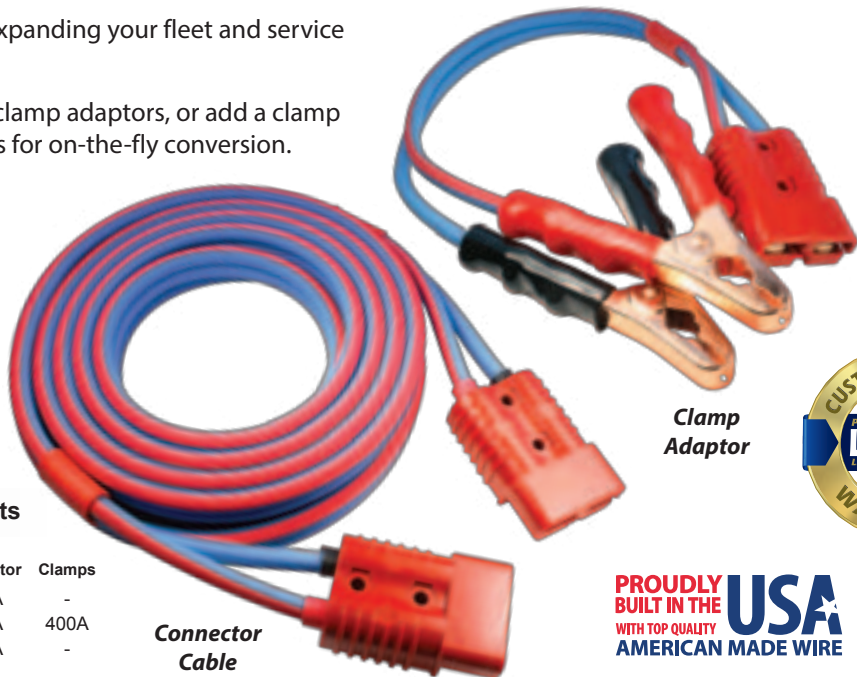
4 Gauge Arctic Superflex Blue® Harness Components

Versatile modular components make expanding your fleet and service vehicle booster systems cost effective.

Fit connector cables with harness and clamp adaptors, or add a clamp adaptor to our clamp-to-harness cables for on-the-fly conversion.



Harness



Clamp Adaptor

4 Gauge Harness System Components

Part Number	Component	Length	Connector	Clamps
JC-4-25DD	Connector Cable	25'	175A	-
JC-4-2DC	Clamp Adaptor	2'	175A	400A
JC-4-4D	Harness	4'	175A	-

Connector Cable



PROUDLY BUILT IN THE USA
WITH TOP QUALITY AMERICAN MADE WIRE

Arctic Superflex Blue® 6 and 8 Gauge ATV/UTV Booster Cables

6 GAUGE ARCTIC SUPERFLEX BLUE® ATVIUTV JUMPER CABLES

6 Gauge Arctic Superflex Blue® ATV/UTV Jumper Cables

Built to Keep Your Toys Going!

**MADE WITH TOP QUALITY AMERICAN WIRE —
PROVEN IN REMOTE ALASKA**

Our 6 and 8 gauge **ATV/UTV Jumper Cables** are made exclusively with **Arctic Superflex Blue®** fine stranded twin wire for unmatched flexibility and durability. Our ATV/UTV jumpers are sized for the smaller batteries used in recreational vehicles and similar equipment.

Strong

- Fast, reliable starts — no wasted time
- 100% copper conductors — NO ALUMINUM!
- Full-length insulated heavy gauge copper clamps
- Copper clamps and lugs deliver more current
- Unbeatable extreme cold flexibility to -55°C (-67°F)

Durable

- Tough, flexible insulation resists abrasion, oil, gas, salt water, acids, chemicals, and sunlight
- Heat shrink relieves strain and seals out corrosion
- Extruded polarity stripe won't wear off or fade
- Built to the same rigorous quality standards as our full size **Arctic Superflex Blue®** cables

Cost Effective

- Designed for LONG LIFE
- Bolted-on, replaceable clamps
- **LIFETIME** Limited Warranty



-55°C TO 105°C



Clamp to Clamp



Harness



Clamp to Harness

6 Gauge ATV/UTV Clamp to Clamp

Part Number	Length	Clamps
JC-6-12	12'	100A

6 Gauge ATV/UTV Clamp to Harness

Part Number	Length	Harness	Connector	Clamps
JC-6-102	10'	2'	120A	100A

6 Gauge ATV/UTV Harness

Part Number	Harness	Connector
JC-6-2D	2'	120A

PROUDLY BUILT IN THE USA
WITH TOP QUALITY AMERICAN MADE WIRE





8 Gauge Arctic Superflex Blue® ATV/UTV Jumper Cables

100% Copper Conductors — Absolutely NO ALUMINUM!

Sized for the smaller batteries in ATVs, UTVs, motorcycles, scooters, personal watercraft, snowmachines, floor scrubbers, etc.



Clamp to Clamp

Harness

Clamp to Harness



-55°C TO 105°C

Bolt harness onto hard-to-reach batteries for easy, instant access

8 Gauge ATV/UTV Clamp to Clamp

Part Number	Length	Clamps
JC-8-8	8'	100A

8 Gauge ATV/UTV Clamp to Harness

Part Number	Length	Harness	Connector	Clamps
JC-8-61	6'	1'	50A	100A

8 Gauge ATV/UTV Harness

Part Number	Harness	Connector
JC-8-1D	1'	50A
JC-8-2D	2'	50A



ATV/UTV Jumpers include a sturdy 8" x 2" nylon canvas carrying bag
Extra wide zippered opening, webbing handles



8 GAUGE ARCTIC SUPERFLEX BLUE® ATV/UTV JUMPER CABLES



Jumper Cable Clamps Accessories and Parts

REPLACEMENT JUMPER CABLE CLAMPS

Replacement Jumper Cable Clamps

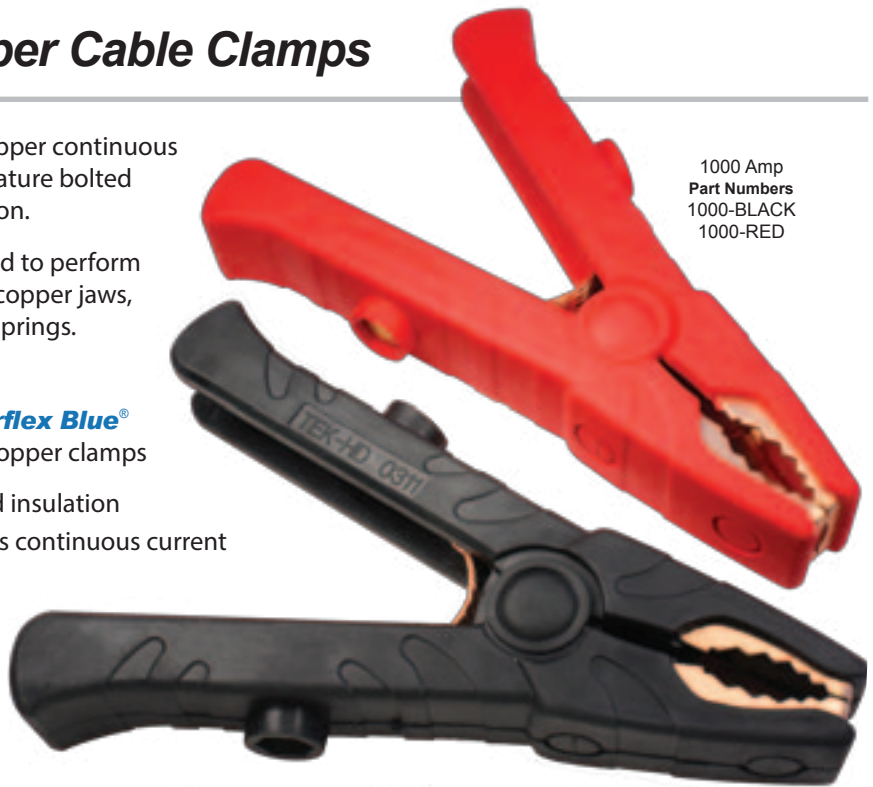
Commercial quality, heavy gauge copper continuous duty rated **Jumper Cable Clamps** feature bolted connections for fast, secure installation.

Our replacement clamps are designed to perform and manufactured to last with thick copper jaws, durable insulation, and strong steel springs.

1000 Amp Dual Live Jaw

We fit our 1/0 and 3/0 **Arctic Superflex Blue**® jumper cables with these powerful copper clamps

- Rugged PVC full length overmolded insulation
- Braided copper bonding strap sends continuous current to both jaws for higher amperage
- Heavy spring pressure for strong, secure connections
- Rated to 90°C (194°F)
- 7 1/2" length



1000 Amp
Part Numbers
1000-BLACK
1000-RED



400 Amp
Part Numbers
400-BLACK
400-RED

400 Amp

We use these top quality copper clamps on our **Arctic Superflex Blue**® 2 and 4 gauge jumper cables

- Insulating vinyl handles
- Strong steel springs for solid connections
- 6" length



100 Amp
Part Numbers
100-BLACK
100-RED

100 Amp

Polar Wire's 8 and 6 gauge **Arctic Superflex Blue**® ATV/UTV jumper cables are made with these sturdy, fully insulated copper clamps.

- Full length vinyl insulation
- Heavy steel springs clamp tightly
- 4 1/2" length

Jumper Cable Bags

Store your **Arctic Superflex Blue®** Jumper Cables neatly coiled and ready for use in our rugged cable bags.

- Durable nylon canvas
- Sturdy webbing handles
- Extra wide zippered opening

X-Large
13.5" x 4.5"
with Side Pocket
Part Number JC-BAG-XL
Fits 2 and 1/0 gauge
Arctic Superflex Blue®
jumper cables up to 30 ft



Medium 10" x 2.5"
Part Number JC-BAG-MED
Fits 6 and 8 gauge
Arctic Superflex Blue®
jumper cables



Large 13" x 3" with Side Pocket
Part Number JC-BAG-L
Fits 4 to 2 gauge
Arctic Superflex Blue®
jumper cables up to 25 ft



Small 8" x 2"
Part Number JC-BAG-SM
Fits 8 gauge
Arctic Superflex Blue®
jumper cables



Protective Power Connector Covers

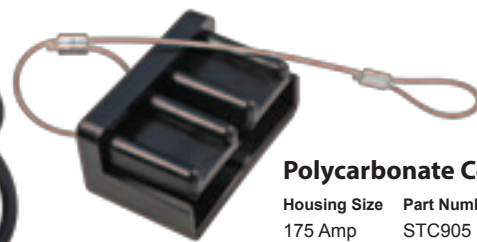
Rubber Cover

Housing Size	Part Number
BLACK	
350 Amp	STC902-BLK
175 Amp	STC903-BLK
50 Amp	STC904-BLK
RED	
350 Amp	STC902-RED
175 Amp	STC903-RED
50 Amp	STC904-RED



Polycarbonate Cover

Housing Size	Part Number
175 Amp	STC905
350 Amp	STC906



Terminals and Connectors



Cam Lock Connectors
400A, 150A
See page 74-75

Available at store.polarwire.com



Plated Copper Lugs
1/2", 3/8", 5/16" Stud
1/0, 2, 4, 6, 8 Gauge
See page 46-49



Power Connectors
350A, 175A,
120A, 50A
See page 72



J1283 Connectors
Plug, Receptacle
Cap, Bracket
See page 24 - 25

Arctic Ultraflex Blue® Eye-to-Eye and Battery Terminal Cables

CUSTOM AND PREBUILT CABLES

Arctic Ultraflex Blue® Eye-to-Eye Cables

Eye-to-Eye Cables are commonly used for *grounds, starters, inverters,* and *batteries.* Built with Polar Wire's **Arctic Ultraflex Blue®** cable for superior flexibility and unbeatable performance. Fitted with heavy duty 3/8" plated copper eyelet lugs (*page 46*) in negative, positive, and series (negative-to-positive) configurations. Sealed with adhesive shrink for durability and protection.



PROUDLY BUILT IN THE USA
WITH TOP QUALITY
AMERICAN MADE WIRE

Stocked Eye-to-Eye Cables

Part Number Negative	Positive	Series	Length
2 Gauge			
BC-2-9N	BC-2-9P	BC-2-9S	9"
BC-2-18N	BC-2-18P	BC-2-18S	18"
2/0 Gauge			
BC-20-12N	BC-20-12P	BC-20-12S	12"
SC-20-16N	SC-20-16P	SC-20-16S	16"
4/0 Gauge			
BC-40-12N	BC-40-12P	BC-40-12S	12"
BC-40-19N	BC-40-19P	BC-40-19S	19"

Standard color configurations

Negative: Blue cable, black shrink
Positive: Blue cable, red shrink
Series: Blue cable, red shrink on positive end, black shrink on negative end

Order Custom!

We keep these common configurations stocked, but can quickly make any of our cables to your requirements. Just specify when ordering!

THHW Flexible Golf Cart Cables



Polar Wire Golf Cart Cables are made with our 100% copper (NO ALUMINUM) fine stranded THHW Flexible Battery Cable (*page 16*) for max conductivity and performance in heat conditions as high as 221°F!

Our Golf Cart Cables are fitted with eco-friendly top mount copper battery terminals or heavy copper closed-end lugs (*pages 46 and 54*)—shrink sealed against corrosion and properly sized for the required electrical load.

NO MORE MELTDOWNS from thin, inadequate fittings and inferior wire!

- Exceeds OEM quality and SAE automotive standards
- Rated 600 Volts, designed for 6V batteries in 24 and 36 Volt systems
- Ultra flexible cables install easily in cramped spaces and tight corners

4 Gauge Series Golf Cart Cables

Part Number	Terminals	Length
GC-4-9S-38	3/8" Plated Lugs	9"
GC-4-9S-516	5/16" Plated Lugs	9"
GC-4-9S-TM	Top Mount Terminals	9"
GC-4-12S-38	3/8" Plated Lugs	12"
GC-4-12S-516	5/16" Plated Lugs	12"
GC-4-12S-TM	Top Mount Terminals	12"
GC-4-20S-38	3/8" Plated Lugs	20"
GC-4-20S-516	5/16" Plated Lugs	20"

Series: Black cable, red heat shrink on positive end, black on negative end



Call us to create a custom cable set for your specific golf cart!

Arctic Ultraflex Blue® Battery Terminal Cables

CUSTOM AND PREBUILT CABLES

4 Gauge Top Mount

Part Number Negative	Positive	Cable Length
TM-4-10N	TM-4-10P	10"
TM-4-14N	TM-4-14P	14"
TM-4-16N	TM-4-16P	16"
TM-4-20N	TM-4-20P	20"
TM-4-23N	TM-4-23P	23"
TM-4-26N	TM-4-26P	26"
TM-4-28N	TM-4-28P	28"
TM-4-32N	TM-4-32P	32"
TM-4-36N	TM-4-36P	36"
TM-4-42N	TM-4-42P	42"
TM-4-45N	TM-4-45P	45"
TM-4-55N	TM-4-55P	55"

2 Gauge Top Mount

Part Number Negative	Positive	Cable Lengths
TM-2-20N	TM-2-20P	20"
TM-2-25N	TM-2-25P	25"
TM-2-30N	TM-2-30P	30"
TM-2-35N	TM-2-35P	35"
TM-2-40N	TM-2-40P	40"
TM-2-45N	TM-2-45P	45"
TM-2-50N	TM-2-50P	50"
TM-2-55N	TM-2-55P	55"
TM-2-60N	TM-2-60P	60"
TM-2-65N	TM-2-65P	65"
TM-2-70N	TM-2-70P	70"
TM-2-78N	TM-2-78P	78"

2/0 Gauge Top Mount

Part Number Negative	Positive	Cable Lengths
TM-20-18N	TM-20-18P	18"
TM-20-24N	TM-20-24P	24"
TM-20-30N	TM-20-30P	30"
TM-20-36N	TM-20-36P	36"
TM-20-42N	TM-20-42P	42"
TM-20-48N	TM-20-48P	48"
TM-20-54N	TM-20-54P	54"
TM-20-60N	TM-20-60P	60"
TM-20-66N	TM-20-66P	66"
TM-20-72N	TM-20-72P	72"

4 Gauge Top Mount with lead

Part Number Negative	Positive	Cable Lengths
TML-4-15N	TML-4-15P	15"
TML-4-19N	TML-4-19P	19"
TML-4-25N	TML-4-25P	25"
TML-4-29N	TML-4-29P	29"
TML-4-36N	TML-4-36P	36"
TML-4-38N	TML-4-38P	38"
TML-4-45N	TML-4-45P	45"
TML-4-50N	TML-4-50P	50"
TML-4-55N	TML-4-55P	55"
TML-4-68N	TML-4-68P	68"
TML-4-78N	TML-4-78P	78"

4 Gauge Side Mount with lead

Part Number Negative	Positive	Cable Lengths
SML-4-20N	SML-4-20P	20"
SML-4-25N	SML-4-25P	25"
SML-4-30N	SML-4-30P	30"
SML-4-35N	SML-4-35P	35"
SML-4-40N	SML-4-40P	40"
SML-4-45N	SML-4-45P	45"
SML-4-50N	SML-4-50P	50"
SML-4-55N	SML-4-55P	55"
SML-4-60N	SML-4-60P	60"
SML-4-65N	SML-4-65P	65"

2 Gauge Side Mount with lead

Part Number Negative	Positive	Cable Lengths
SML-2-20N	SML-2-20P	20"
SML-2-25N	SML-2-25P	25"
SML-2-30N	SML-2-30P	30"
SML-2-35N	SML-2-35P	35"
SML-2-40N	SML-2-40P	40"
SML-2-45N	SML-2-45P	45"
SML-2-50N	SML-2-50P	50"
SML-2-55N	SML-2-55P	55"
SML-2-60N	SML-2-60P	60"
SML-2-65N	SML-2-65P	65"
SML-2-70N	SML-2-70P	70"
SML-2-78N	SML-2-78P	78"

Polar Wire Battery Cables are stocked in our most popular styles and sizes to save you time and money. We build our battery cables with **Arctic Ultraflex Blue®** Arctic grade wire and eco-friendly tinned copper battery terminals (page 45) in color coded negative to negative and positive to positive configurations.

LIFETIME WARRANTY on manufacturing and materials.

Standard 12" lead is 12 AWG tinned **Arctic Ultraflex Blue®** wire.

Standard color configurations

Negative: Blue cable, black heat shrink, black lead

Positive: Blue cable, red heat shrink, red lead

Go Ahead, Be Different!

You are not limited to our standard colors and lengths. We can make your cables in the specific configurations you need.

Special volume pricing—call us!

PROUDLY BUILT IN THE USA
WITH TOP QUALITY AMERICAN MADE WIRE



Custom Cables

POLAR WIRE CUSTOM CABLES

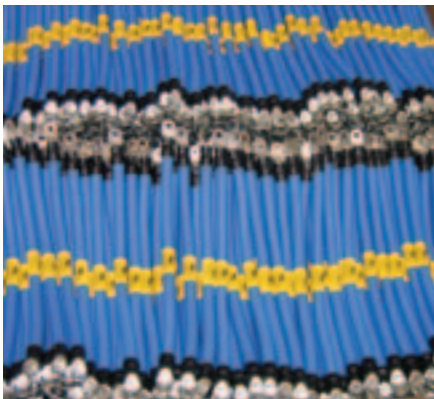
We Build Custom Cables!

Any Gauge, Any Quantity — Made to Your Specifications

- Polar Wire manufactures cables using the highest quality materials and parts available
- Single cables to mass production—order the quantities you want!
- We can build your custom cable from our wide inventory of components, for your truck, boat, commercial and industrial vehicles and equipment, specific application or special need
- Our cables are manufactured using UL/CSA Listed or Recognized components and processes, and quality checked at every step

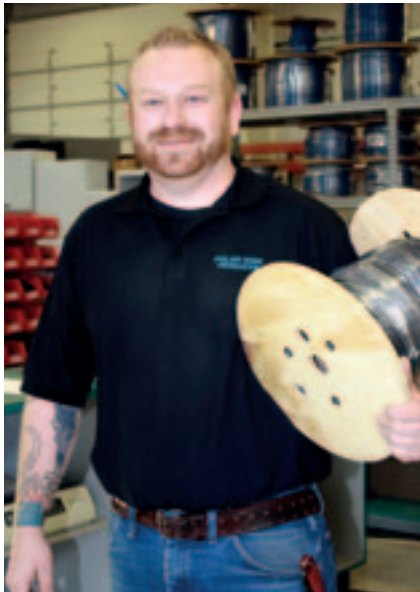
Contact our knowledgeable staff for help in selecting the right cable for your application

**PROUDLY
BUILT IN THE
WITH TOP QUALITY
AMERICAN MADE WIRE** **USA**



STATE OF THE ART MANUFACTURING FOR THE INDUSTRIES

**Oil and Gas • Mining • Construction • Earth Moving • Agriculture
Automotive • Trucking • Towing and Service • Marine • Recreation
Renewable Energy • Battery Manufacturers • OEMs and Resellers**



POLAR WIRE CUSTOM CABLES

Fast Turnaround • Volume Pricing • American Made Wire

Visit us online, stop in, or call to request more information and to order

LIFETIME LIMITED WARRANTY

We're pretty proud of our cables!

In fact, we're so sure of the excellent quality and workmanship that goes into our prebuilt and custom cables, we've given them a LIFETIME materials and manufacturing warranty.

Visit our online store for warranty details.

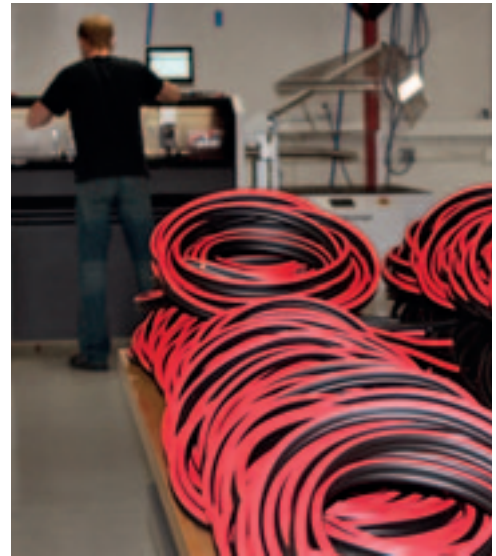
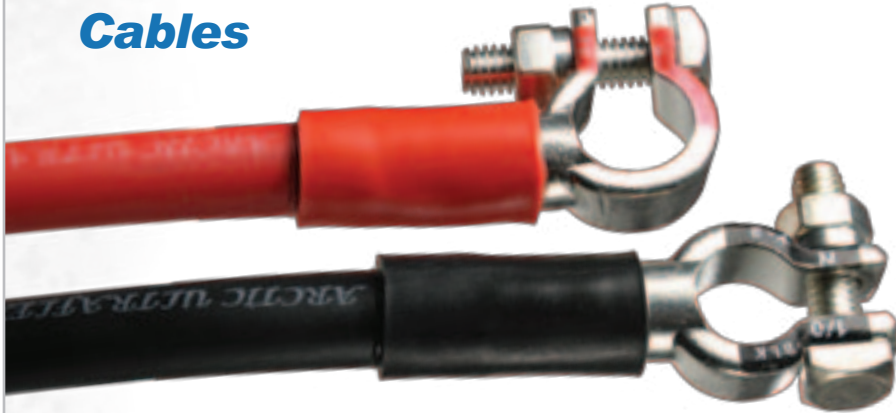
Look for our warranty seal on covered products and buy with confidence!



Custom Cables

POLAR WIRE CUSTOM CABLES

We Specialize in Large Gauge and High Volume Cables



- Power Cables**
- Harness Systems**
- Battery and Inverter Cables**
- Jumper and Jump Start Cables**
- Multi-Cable Assemblies**
- Replacement Cables**



Look for our warranty seal on covered cables and buy with confidence!



*Treating customers right
for over three decades!*

POLAR WIRE CUSTOM CABLES

Heat Shrink Tubing

BATTERY CABLE COMPONENTS AND FITTINGS

Adhesive Lined Precut Heat Shrink Tubing

1 1/2" Precut Dual Wall and Heavy Wall Adhesive Lined Heat Shrink provides a quality finish and adds longevity and durability to cables. Seals out corrosive water and dirt, and provides mechanical protection, insulation, and strain relief for electrical connections and components. Ideal for many applications including automotive and marine wire harness bundles, industrial splices, and connector to cable transitions.

**1/2, 3/4, 1 and 1 1/2 inch diameter
1 1/2 inch precut lengths**

- High 3 to 1 shrink ratio
- Dual Wall tubing shrinks at 110°C (230°F)
- Heavy Wall tubing shrinks at 120°C (248°F)
- Black and Red
- RoHS Compliant
- Halogen Free
- UL 224, SAE, REACH
- Dual Wall is VW1 flame retardant
- Impact, abrasion, corrosion, and chemical resistant
- Adhesive liner bonds to a variety of materials including plastics, rubbers, and metals



-55°C TO 110°C



3 to 1 shrink ratio is ideal for sealing battery cable ends against corrosion



Dual Wall Precut Adhesive Heat Shrink

Part Number BLACK	Part Number RED	Diameter	Length	Wire Sizes
HS-0500-BK-1.5	HS-0500-RD-1.5	1/2"	1 1/2"	8 – 1 AWG
HSBLK	HSRED	3/4"	1 1/2"	8 – 1 AWG
HSBLK-1	HSRED-1	1"	1 1/2"	1/0 – 4/0 AWG
HSBLK-1.5	HSRED-1.5	1 1/2"	1 1/2"	1/0 – 4/0 AWG

Heavy Wall Precut Adhesive Heat Shrink

Part Number BLACK	Part Number RED	Diameter	Length	Wire Sizes
HSBLKHD	HSREDHD	3/4"	1 1/2"	8 – 1 AWG
HSBLKHD-1	HSREDHD-1	1"	1 1/2"	1/0 – 4/0 AWG
HSBLKHD-1.5	HSREDHD-1.5	1 1/2"	1 1/2"	1/0 – 4/0 AWG



Heavy Wall Heat Shrink Tubing

Heavy wall adhesive lined heat shrink tubing is impact, abrasion, corrosion, and chemical resistant. Provides mechanical protection, insulation and strain relief for electrical connections and components.

Features

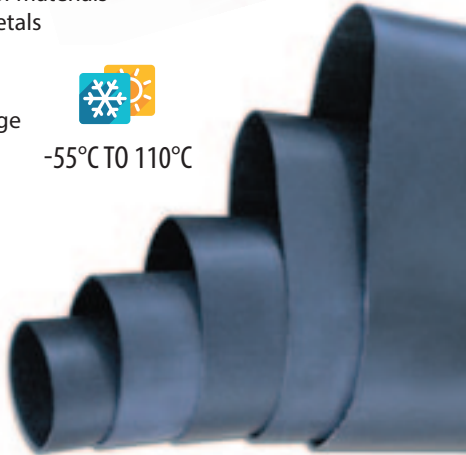
- Adhesive lined crosslinked polyolefin
- Seals out water and dirt
- High 3 to 1 shrink ratio
- 120°C (248°F) shrink temperature
- Halogen free
- SAE, REACH, RoHS compliant
- 4-foot lengths*

Applications

- Ideal for insulation of electrical splices, cable terminations, and electrical connections
- Adhesive liner bonds to a variety of materials including plastics, rubbers, and metals
- Seals and protects components from moisture and corrosion
- 3:1 shrink ratio covers a broad range of applications in fewer sizes
- Rated for applications up to 1Kv
- Suitable for direct burial

Approvals and Compliance

- RoHS Compliant
- SAE
- REACH
- Industrial, electric, and automotive OEM approvals



-55°C TO 110°C

Technical Data

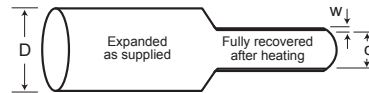
PROPERTY	TYPICAL VALUE
Shrink Ratio	>3 to 1
Operating Temperature	-55°C ~ 125°C
Tensile Strength	14.5 MPa
Ultimate Elongation	≥450%
Tensile Strength After Aging	13.5 MPa
Ultimate Elongation After Aging	400%
Concentricity	70
Longitudinal Shrinkage	5
Dielectric Strength	≥21kV/mm
Cracking Resistance	No Cracking
ADHESIVE	
Water Absorptivity	0.15%
Softening Point	85°C
Peel Strength	8N/25mm
Copper Stability	Pass
Antibacterial Property	Pass

Sizes for Arctic Ultraflex Blue® Wire

Arctic Ultraflex Wire Gauge	Arctic Ultraflex Outside Diameter	Recommended HD Shrink Size
18 AWG	0.105"	1/3"
16 AWG	0.118"	1/3"
14 AWG	0.130"	1/3"
12 AWG	0.150"	1/3"
10 AWG	0.180"	1/3"
8 AWG	0.240"	1/2"
6 AWG	0.310"	3/4"
4 AWG	0.360"	3/4"
2 AWG	0.430"	3/4"
1 AWG	0.495"	3/4"
1/0 AWG	0.550"	3/4"
2/0 AWG	0.600"	1"
3/0 AWG	0.650"	1"
4/0 AWG	0.710"	1 1/2"
250 MCM	0.875"	1 1/2"
350 MCM	1.010"	2"
500 MCM	1.220"	2"

48" Heavy Wall Adhesive Lined Crosslinked Polyolefin Heat Shrink*

Heavy Wall Shrink Size	Part Number BLACK	Part Number RED	Expanded Min. Internal Diameter (D)		Recovered Max. Internal Diameter (d)		Recovered Nominal Wall Thickness (w)	
			IN.	MM	IN.	MM	IN.	MM
1/3"	HSHD-0350-BK	HSHD-0350-RD	0.35	9.0	0.12	3.0	0.08	2.0
1/2"	HSHD-0500-BK	HSHD-0500-RD	0.51	13.0	0.16	4.0	0.09	2.4
3/4"	HSHD-0750-BK	HSHD-0750-RD	0.75	19.0	0.20	5.0	0.10	2.5
1"	HSHD-1100-BK	HSHD-1100-RD	1.30	33.0	0.31	8.0	0.13	3.2
1 1/2"	HSHD-1500-BK	HSHD-1500-RD	1.57	40.0	0.47	12.0	0.16	4.0
2"	HSHD-2000-BK	-	2.17	55.0	0.63	16.0	0.16	4.0
2 3/4"	HSHD-2700-BK	-	2.95	75.0	0.87	22.0	0.16	4.0
3 1/2"	HSHD-3500-BK	-	3.74	95.0	1.18	30.0	0.17	4.2
4 1/2"	HSHD-4700-BK	-	4.53	115.0	1.34	34.0	0.17	4.2



Ordering Guidelines

Our 3:1 ratio shrink is ideal for covering both regular and irregular shapes. For the best balance of recovered wall thickness and adhesive sealant performance, choose a size with an expanded diameter (D) that is about twice the largest diameter of the part to be covered.

***To significantly reduce shipping cost, 48" heavy wall shrink is shipped cut to 12" lengths**

Heat Shrink Tubing Heat Shrink Variety Packages

Dual Wall Heat Shrink Tubing

Dual Wall Adhesive Lined Heat Shrink Tubing with environmental sealing capability is ideal for a variety of applications including automotive and marine wire harness bundles, industrial splices, breakouts, and connector to cable transitions.

Features

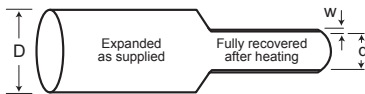
- Superior sealing against water and contaminants
- High 3 to 1 shrink ratio allows for coverage of irregularly shaped connectors and components
- Inner adhesive bonds to plastics, rubber, copper, steel, neoprene, and polyethylene
- VW-1 Flame retardant and flexible
- Shrink temperature: 120°C (248°F)
- Continuous operating temperature: -55°C to 110°C (-67°F to 230°F)



-55°C TO 110°C

Applications

- Industrial, electronic, and automotive OEM approvals
- Environmental sealing and strain relief of connectors and terminals
- Sealing and insulation of simple inline splices, repair of damaged wire harnesses
- Abrasion resistance for tubes and pipes



Ordering Guidelines

Our 3:1 ratio shrink covers regular and irregular shapes. For the best balance of recovered wall thickness and adhesive sealant performance, choose a size with an expanded diameter (D) that is about twice the largest diameter of the part to be covered.

***To significantly reduce shipping cost, 48" heat shrink is shipped folded or cut to 12" lengths**



48" Cut Length

Part Number	Diameter	Color
HS-0125-BK-48	1/8"	Black
HS-0125-CL-48	1/8"	Clear
HS-0125-RD-48	1/8"	Red
HS-0187-BK-48	3/16"	Black
HS-0187-BL-48	3/16"	Blue
HS-0187-CL-48	3/16"	Clear
HS-0187-GR-48	3/16"	Green
HS-0187-RD-48	3/16"	Red
HS-0187-WT-48	3/16"	White
HS-0187-YL-48	3/16"	Yellow
HS-0250-BK-48	1/4"	Black
HS-0250-BN-48	1/4"	Brown*
HS-0250-OR-48	1/4"	Orange*
HS-0250-BL-48	1/4"	Blue
HS-0250-CL-48	1/4"	Clear
HS-0250-GR-48	1/4"	Green
HS-0250-RD-48	1/4"	Red
HS-0250-WT-48	1/4"	White
HS-0250-YL-48	1/4"	Yellow

12" Cut Length

Part Number	Diameter	Color
HS-0125-BK-12	1/8"	Black
HS-0125-CL-12	1/8"	Clear
HS-0125-RD-12	1/8"	Red
HS-0187-BK-12	3/16"	Black
HS-0187-CL-12	3/16"	Clear
HS-0187-RD-12	3/16"	Red
HS-0250-BK-12	1/4"	Black
HS-0250-CL-12	1/4"	Clear
HS-0250-RD-12	1/4"	Red
HS-0375-BK-12	3/8"	Black
HS-0375-CL-12	3/8"	Clear
HS-0375-RD-12	3/8"	Red
HS-0500-BK-12	1/2"	Black
HS-0500-CL-12	1/2"	Clear
HS-0500-RD-12	1/2"	Red
HS-0750-BK-12	3/4"	Black
HS-0750-CL-12	3/4"	Clear
HS-0750-RD-12	3/4"	Red
HS-1000-BK-12	1"	Black
HS-1000-CL-12	1"	Clear
HS-1000-RD-12	1"	Red
HS-0375-BK-48	3/8"	Black
HS-0375-BL-48	3/8"	Blue
HS-0375-CL-48	3/8"	Clear
HS-0375-GR-48	3/8"	Green
HS-0375-RD-48	3/8"	Red
HS-0375-WT-48	3/8"	White
HS-0375-YL-48	3/8"	Yellow
HS-0500-BK-48	1/2"	Black
HS-0500-BL-48	1/2"	Blue
HS-0500-CL-48	1/2"	Clear
HS-0500-GR-48	1/2"	Green
HS-0500-RD-48	1/2"	Red
HS-0500-WT-48	1/2"	White
HS-0500-YL-48	1/2"	Yellow
HS-0750-BK-48	3/4"	Black
HS-0750-BL-48	3/4"	Blue
HS-0750-CL-48	3/4"	Clear
HS-0750-GR-48	3/4"	Green
HS-0750-RD-48	3/4"	Red
HS-0750-WT-48	3/4"	White
HS-0750-YL-48	3/4"	Yellow
HS-1000-BK-48	1"	Black
HS-1000-BL-48	1"	Blue
HS-1000-CL-48	1"	Clear
HS-1000-GR-48	1"	Green
HS-1000-RD-48	1"	Red
HS-1000-WT-48	1"	White
HS-1000-YL-48	1"	Yellow

Dual Wall Adhesive Lined Crosslinked Polyolefin*

Part Number	Size	AS SUPPLIED				AFTER RECOVERY				Standard Lengths		
		Minimum Inside Diameter (D)		Nominal Wall Thickness		Maximum Inside Diameter (d)		Total Nominal Wall Thickness (w)			Nominal Adhesive Wall	
		in.	mm	in.	mm	in.	mm	in.	mm		in.	mm
HS-0125	1/8"	0.126	3.2	0.016	0.40	0.039	1.0	0.033	0.85	0.014	0.35	12, 48
HS-0187	1/16"	0.185	4.7	0.016	0.40	0.059	1.5	0.041	1.05	0.018	0.45	12, 48
HS-0250	1/4"	0.252	6.4	0.018	0.45	0.079	2.0	0.043	1.10	0.018	0.45	12, 48
HS-0375	3/8"	0.370	9.4	0.024	0.60	0.118	3.0	0.057	1.45	0.018	0.45	12, 48
HS-0500	1/2"	0.500	12.7	0.024	0.60	0.157	4.0	0.059	1.50	0.018	0.45	12, 48
HS-0750	3/4"	0.748	19.0	0.030	0.75	0.236	6.0	0.079	2.00	0.026	0.65	12, 48
HS-1000	1"	0.992	25.2	0.030	0.75	0.331	8.4	0.079	2.00	0.026	0.65	12, 48
HS-1250	1 1/4"	1.181	30.0	0.031	0.80	0.394	10.0	0.087	2.20	0.030	0.75	48
HS1500	1 1/2"	1.570	39.9	0.033	0.85	0.593	13.7	0.098	2.50	0.039	1.00	48

HS-0750-BK-48	3/4"	Black
HS-0750-CL-48	3/4"	Clear
HS-0750-GR-48	3/4"	Green
HS-0750-RD-48	3/4"	Red
HS-0750-WT-48	3/4"	White
HS-0750-YL-48	3/4"	Yellow
HS-1000-BK-48	1"	Black
HS-1000-BL-48	1"	Blue
HS-1000-CL-48	1"	Clear
HS-1000-GR-48	1"	Green
HS-1000-RD-48	1"	Red
HS-1000-WT-48	1"	White
HS-1000-YL-48	1"	Yellow
HS-1250-BK-48	1 1/4"	Black
HS-1250-RD-48	1 1/4"	Red
HS-1500-BK-48	1 1/2"	Black
HS-1500-BL-48	1 1/2"	Blue
HS-1500-CL-48	1 1/2"	Clear
HS-1500-GR-48	1 1/2"	Green
HS-1500-RD-48	1 1/2"	Red
HS-1500-WT-48	1 1/2"	White
HS-1500-YL-48	1 1/2"	Yellow

*Special Order

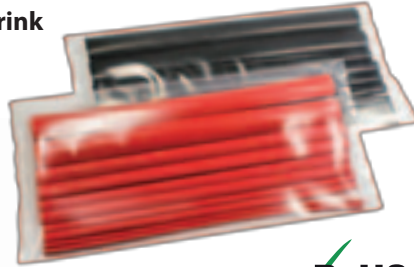


Heat Shrink Service Kits available — see page 70



Dual Wall Heat Shrink Packs

3 to 1 Ratio Adhesive Lined Heat Shrink packaged in a variety of sizes of red or black, or by size in a mix of colors.



Size Variety Packs

- 10 pieces in 12" lengths
- 2 each of 1/8", 1/4", 3/8", 1/2", 3/4"



Color Mix Packs

- 10 pieces in 12" lengths
- 1 each of yellow, green, blue, white
- 2 each black, red, clear



Dual Wall Size Variety Packs

Part Number	Diameter Mix	Color
HS-BLACK-PKG	1/8" to 3/4"	● Black
HS-RED-PKG	1/8" to 3/4"	● Red

Dual Wall Color Mix Packs

Part Number	Diameter	Color Mix
HS-250-PKG	1/4"	● Black
HS-375-PKG	3/8"	○ White
HS-500-PKG	1/2"	● Red
HS-750-PKG	3/4"	● Green
		○ Clear
		● Blue
		● Yellow



-55°C TO 110°C

Heavy Wall Shrink Packs

3 to 1 Ratio Heavy Duty Adhesive Lined Heat Shrink in various sizes of red or black, or in single size, 2-color packs.

Size Variety Packs

- 10 pieces in 12" lengths
- 3 each of 1/3", 1/2", and 3/4"
- 1 of 1"



2-Color Black/Red Packs

- 4 pieces in 12" lengths
- 2 each of red and black



-55°C TO 110°C

Heavy Wall Size Variety Packs

Part Number	Diameter Mix	Color
HSHD-BLACK-PKG	1/3" to 1"	● Black
HSHD-RED-PKG	1/3" to 1"	● Red

Heavy Wall Black/Red Packs

Part Number	Diameter	Color Mix
HSHD-350-PKG	1/3"	● Black
HSHD-500-PKG	1/2"	● Red
HSHD-750-PKG	3/4"	
HSHD-1100-PKG	1"	

Automatic Ignition Torch

The heavy duty **Pro-Torch™ Butane Torch** provides a strong and stable flame for demanding jobs where the highest BTU output is required. Precision orifice and controls. Ergonomic grip for comfort at most any angle.

- State of the art waterproof Piezo Electronic Ignition
- Large fuel tank provides up to 200 minutes use per filling
- Powerful high-output wind-resistant adjustable flame
- Heavy duty ribbed aluminum body with comfort grip
- Easily refilled with any brand of butane

Length 4.73" Height 6.9" Weight 10.6 oz.

Part Number
PTB-500



Custom Heat Shrink Variety Packs

Need specific types, colors, or sizes? We configure custom variety packs with the shrinks you use most. Give us a call!

Eyelet Style Lugs and Splices

600V Heavy Duty Tin Plated Copper

BATTERY CABLE COMPONENTS AND FITTINGS

Heavy Duty Eyelet Lugs 8 – 6 AWG

Heavy-Duty Closed-End Crimpable

Eyelet Lugs are designed for electrical and industrial applications such as welding equipment, forklifts, cars, boats, trucks, agricultural equipment, generators, power distribution equipment, motors and other products. Manufactured of pure electrolytic copper. Available for 8 AWG to 250 MCM wire and cable with a variety of stud sizes.

Features

- Sized for fine stranded wire
- 600 Volts, 90°C (194°F)
- UL Listed, CSA Certified
- Crimps in industry standard tooling
- Can be easily soldered or crimped
- Flared barrel entry for easy wire insertion
- Tin plating for corrosion resistance
- Seamless pads improve strength and prevent moisture ingress
- AWG wire size identification on barrel
- 100% conductivity—made of CDA-110 copper
- Economically priced

45° and 90° angle lugs, color coding, and sight holes available upon request. Minimums may apply.

8 AWG / 8 FLEX

Part Number	Stud Size
BCL-810-PL	#10
BCL-814-PL	1/4"
BCL-8516-PL	5/16"
BCL-838-PL	3/8"
BCL-812-PL	1/2"

● Crimp die color code: red

6 AWG / 6 FLEX

Part Number	Stud Size
BCL-610-PL	#10
BCL-614-PL	1/4"
BCL-6516-PL	5/16"
BCL-638-PL	3/8"
BCL-612-PL	1/2"

● Crimp die color code: blue



Heavy Duty Bare Copper Lugs also available

TO ORDER, omit -PL from the plated lug part number. Example: To order a 6 gauge, 3/8" stud bare copper lug, use part number BCL-638



Heavy Duty Eyelet Lugs 4 – 1 AWG

4 AWG / 4 FLEX		2 AWG / 2 FLEX		1 AWG / 1 FLEX	
Part Number	Stud Size	Part Number	Stud Size	Part Number	Stud Size
BCL-410-PL	#10	BCL-214-PL	1/4"	BCL-114-PL	1/4"
BCL-414-PL	1/4"	BCL-2516-PL	5/16"	BCL-1516-PL	5/16"
BCL-4516-PL	5/16"	BCL-238-PL	3/8"	BCL-138-PL	3/8"
BCL-438-PL	3/8"	BCL-212-PL	1/2"	BCL-112-PL	1/2"
BCL-412-PL	1/2"				

● Crimp die color code: gray

● Crimp die color code: brown

● Crimp die color code: green

Panduit® Contour Crimp

The **Contour Crimp** controlled cycle ratchet crimping tool crimps 8 to 1 AWG copper lugs and splices, 6 to 4 AWG aluminum lugs and splices, and 8 to 2 AWG non-insulated S Series tubular terminals. The rotary die-wheel locks easily into position with a push-button mechanism. Each die is embossed with die-code color. Nest includes red, blue, gray, brown, and green.



Part Number CT-1700

Butt Splices 8 – 1 AWG

8 – 1 AWG					
Part Number	Wire Size	Part Number	Wire Size	Part Number	Wire Size
BCL-8	8 AWG	BCL-6	6 AWG	BCL-4	4 AWG
		BCL-2	2 AWG	BCL-1	1 AWG



Plated Lug Service Kit available—see page 69













Parts shown approximately actual size

Eyelet Style Lugs and Splices

600V Heavy Duty Tin Plated Copper

BATTERY CABLE COMPONENTS AND FITTINGS

Heavy Duty Eyelet Lugs 1/0 – 3/0 AWG

1/0 AWG / 1/0 Flex		2/0 AWG / 2/0 Flex		3/0 AWG / 3/0 Flex	
Part Number	Stud Size	Part Number	Stud Size	Part Number	Stud Size
	1/4"		1/4"		1/4"
BCL-1014-PL		BCL-2014-PL		BCL-3014-PL	
	5/16"		5/16"		5/16"
BCL-10516-PL		BCL-20516-PL		BCL-30516-PL	
	3/8"		3/8"		3/8"
BCL-1038-PL		BCL-2038-PL		BCL-3038-PL	
	1/2"		1/2"		1/2"
BCL-1012-PL		BCL-2012-PL		BCL-3012-PL	
● Crimp die color code: pink*		● Crimp die color code: black*		● Crimp die color code: orange*	

*Color coding, sight holes, 45° and 90° angles available upon request. Minimums may apply.

Panduit® 6.2 Ton Lithium-Ion Dieless Hydraulic Crimper

Uni-Die Dieless Hydraulic Crimping Tool develops 6.2 tons of force to crimp 4 AWG to 750 kcmil copper compression lugs and splices, and crimps 25% faster than most comparable tools with a ~3.5 second crimp cycle time. Includes two batteries, charger, shoulder strap, and tool bag.

- Up to 135% more crimps per charge than tools with NiCd or NiMH batteries (up to 183 crimps with a Panduit 500 kcmil lug)
- Ergonomically balanced and lightweight, only 11.75 lbs. with battery
- Provides UL Listed and CSA Certified wire range-taking capability with Panduit copper lugs and splices
- Aluminum alloy flip-top crimp head rotates 360°
- Audible "pop-off" valve indicates crimp completion
- 120 VAC (230 VAC model also available)





Heavy Duty Eyelet Lugs 4/0 – 250 MCM AWG

BATTERY CABLE COMPONENTS AND FITTINGS

4/0 AWG / 4/0 Flex

Part Number Stud Size



BCL-4014-PL

1/4"



BCL-40516-PL

5/16"



BCL-4038-PL

3/8"



BCL-4012-PL

1/2"

● Crimp die color code: purple*

250 MCM AWG / 250 MCM Flex

Part Number Stud Size



BCL-25038-PL

3/8"



BCL-25012-PL

1/2"



BCL-25058-PL

5/8"

● Crimp die color code: yellow*

Parts shown approximately actual size

Butt Splices 1/0 – 4/0 AWG

4/0 – 1/0 AWG



Part Number Wire Size
BCL-1/0
1/0 AWG



BCL-2/0
2/0 AWG



BCL-3/0
3/0 AWG



BCL-4/0
4/0 AWG

Heavy Duty Bare Copper Lugs also available



TO ORDER, omit -PL from the plated lug part number. Example: To order a 1/0 gauge, 12" stud bare copper lug, use part number BCL-1012

Power Lugs and Splices

600V Heavy Duty Tin Plated Copper

Power Lugs 8 – 2/0 AWG

8 AWG

Part Number	Stud Size
PL-814	1/4"
PL-8516	5/16"
PL-838	3/8"
PL-812	1/2"

● Color code: red

6 AWG

Part Number	Stud Size
PL-614	1/4"
PL-6516	5/16"
PL-638	3/8"
PL-612	1/2"

● Color code: blue

1/0 AWG

Part Number	Stud Size
PL-10516	5/16"
PL-1038	3/8"
PL-1012	1/2"

● Color code: black

4 AWG

Part Number	Stud Size
PL-410	#10
PL-414	1/4"
PL-4516	5/16"
PL-438	3/8"
PL-412	1/2"

● Color code: gray

1 – 2 AWG

Part Number	Stud Size
PL-114	1/4"
PL-1516	5/16"
PL-138	3/8"
PL-112	1/2"

● Color code: pink

2/0 AWG

Part Number	Stud Size
PL-20516	5/16"
PL-2038	3/8"
PL-2012	1/2"

● Color code: orange



Power Lugs 3/0 – 4/0 AWG

Compared to standard tube lugs of the same cable gauge, **Power Lugs** have a wider and thicker pad and 80% heavier wall. Power Lugs are stronger, more conductive, and more dependable.



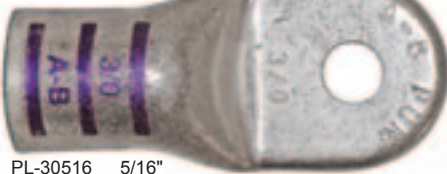
Power Lug



Standard Lug

3/0 AWG

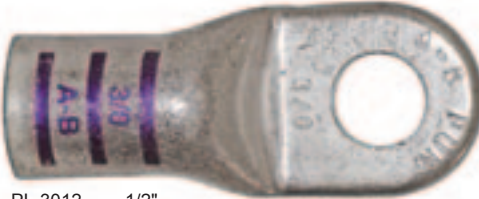
Part Number	Stud Size
-------------	-----------



PL-30516	5/16"
----------	-------



PL-3038	3/8"
---------	------



PL-3012	1/2"
---------	------

● Color code: purple

4/0 AWG

Part Number	Stud Size
-------------	-----------



PL-40516	5/16"
----------	-------



PL-4038	3/8"
---------	------



PL-4012	1/2"
---------	------

● Color code: yellow

Power Splices 8 – 4/0 AWG 50 Volt Rated

8 – 4/0 AWG



Part Number	PS-8	PS-6	PS-4	PS-1	PS-1/0	PS-2/0	PS-3/0	PS-4/0
Wire Size	8 AWG	6 AWG	4 AWG	1 – 2 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG

Parts shown approximately actual size

Anti-Rotational Power Terminals Plated Stud Mount Battery Terminals

BATTERY CABLE COMPONENTS AND FITTINGS

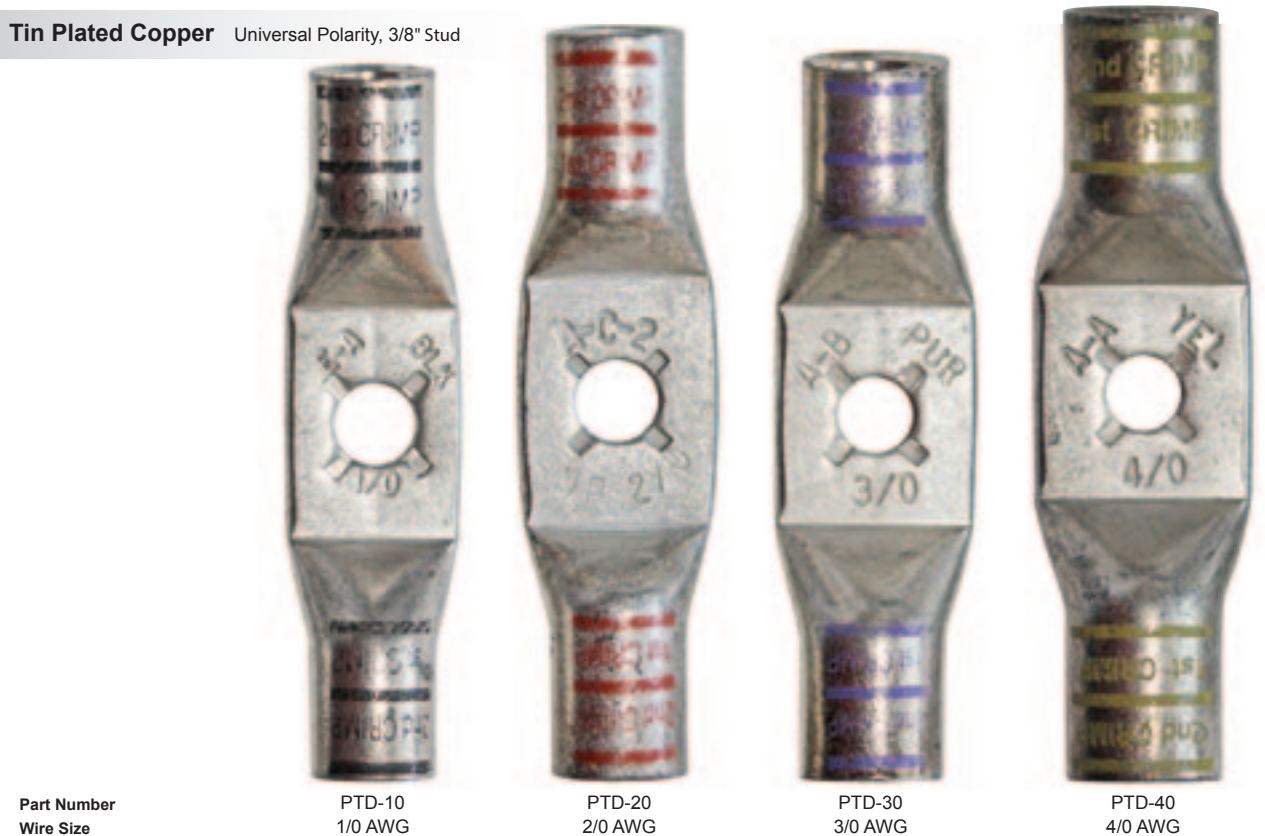
Anti-Rotational Power Terminals 1 – 4/0 AWG

Tin Plated Copper Universal Polarity, 3/8" Stud



Anti-Rotational Flag Power Splices 1/0 – 4/0 AWG

Tin Plated Copper Universal Polarity, 3/8" Stud





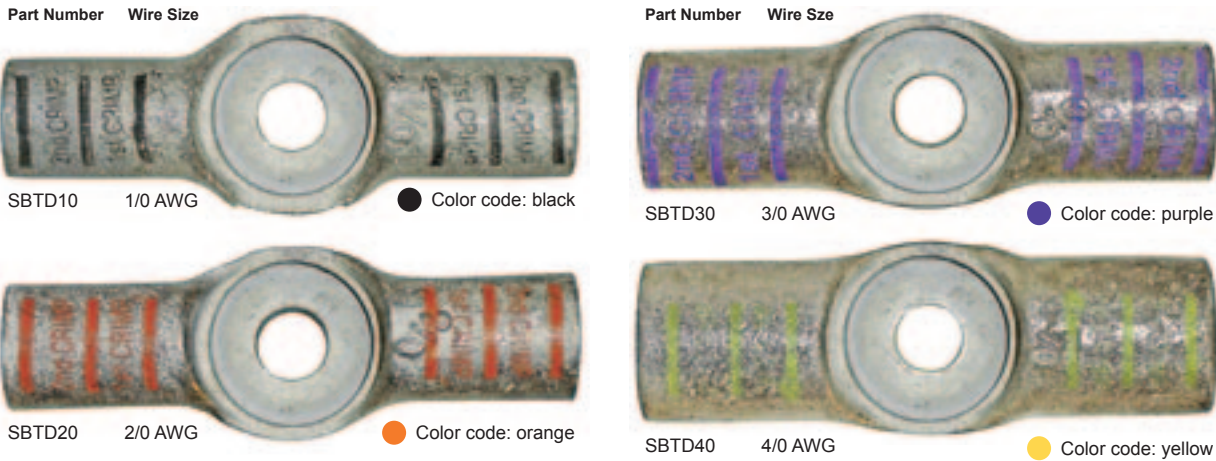
Plated Stud Top / Side Mount 4 – 4/0 AWG

Straight Universal Polarity, 3/8" Stud



Part Number	SBTT4	SBTT1	SBTT10	SBTT20	SBTT30	SBTT40
Wire Size	4 AWG	1-2 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG

Double Splice Universal Polarity, 3/8" Stud



Part Number	Wire Size		Part Number	Wire Size	
SBTD10	1/0 AWG	● Color code: black	SBTD30	3/0 AWG	● Color code: purple
SBTD20	2/0 AWG	● Color code: orange	SBTD40	4/0 AWG	● Color code: yellow

Battery Stud Nuts

SN-SP
Lead Stud to Post Converter
Positive and Negative Set



SN-R
Red Plastic
Stud Nut



SN-B
Black Plastic
Stud Nut



SN-SS
Stainless Steel
Stud Nut

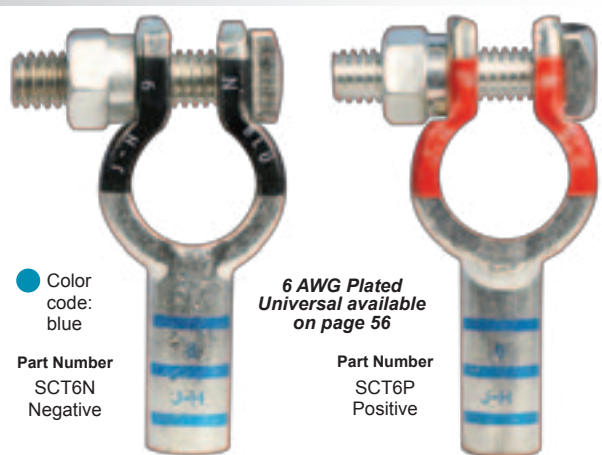
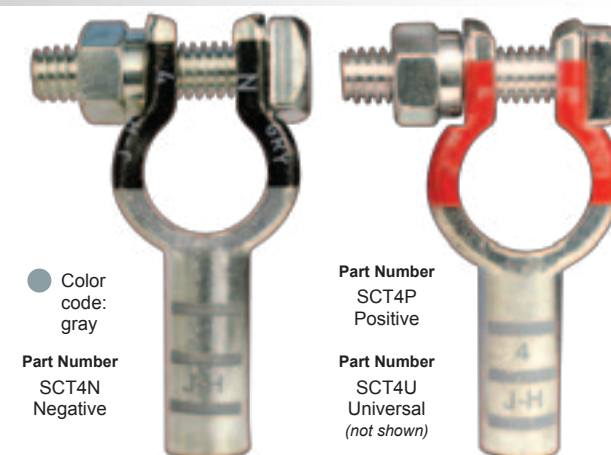
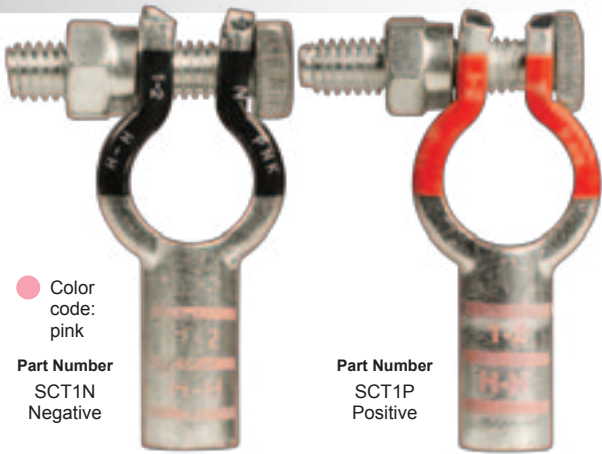
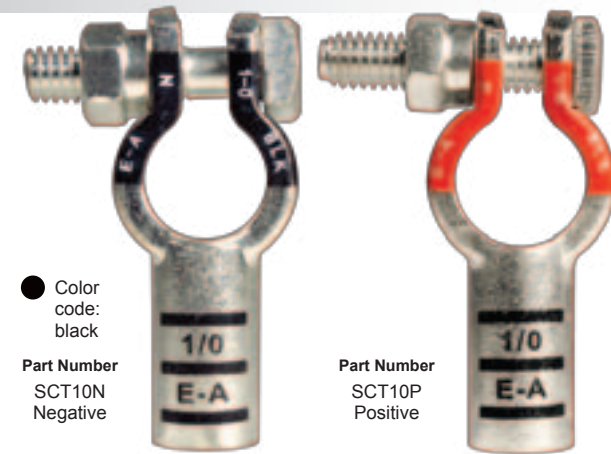
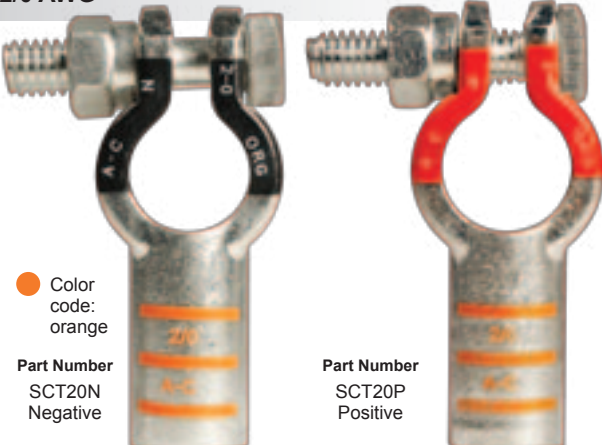
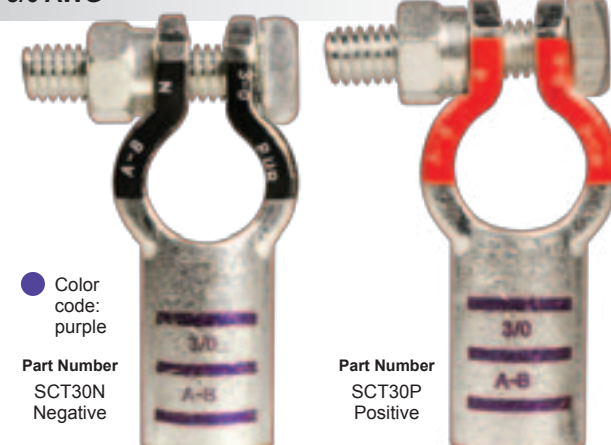


Parts shown approximately actual size

Solderless Battery Terminals

Eco-friendly Tin Plated 100% Copper

Straight Terminals 6 – 4/0 AWG

<p>6 AWG</p>  <p>Color code: blue</p> <p>Part Number SCT6N Negative</p> <p>6 AWG Plated Universal available on page 56</p> <p>Part Number SCT6P Positive</p>	<p>4 AWG</p>  <p>Color code: gray</p> <p>Part Number SCT4N Negative</p> <p>Part Number SCT4U Universal (not shown)</p>
<p>1-2 AWG</p>  <p>Color code: pink</p> <p>Part Number SCT1N Negative</p> <p>Part Number SCT1P Positive</p>	<p>1/0 AWG</p>  <p>Color code: black</p> <p>Part Number SCT10N Negative</p> <p>Part Number SCT10P Positive</p>
<p>2/0 AWG</p>  <p>Color code: orange</p> <p>Part Number SCT20N Negative</p> <p>Part Number SCT20P Positive</p>	<p>3/0 AWG</p>  <p>Color code: purple</p> <p>Part Number SCT30N Negative</p> <p>Part Number SCT30P Positive</p>



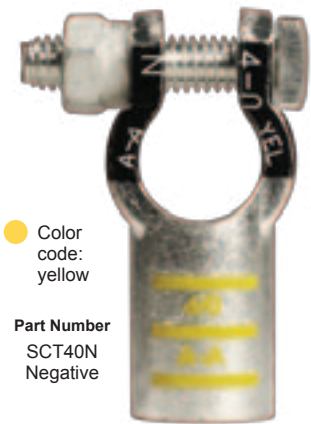
Left Elbows 1/0 – 4/0 AWG

Environmentally friendly **100% Copper Battery Terminals** are made with best quality C11000 ETP copper for high conductivity.

- 100% C11000 ETP copper
- Chamfered barrel
- Max conductivity: 101% IACS at 68°F
- Tinned for corrosion resistance
- Lead-free and RoHS compliant
- Tinned steel nut and bolt
- Color and die coded
- Exceeds SAE Standard J-1811



4/0 AWG

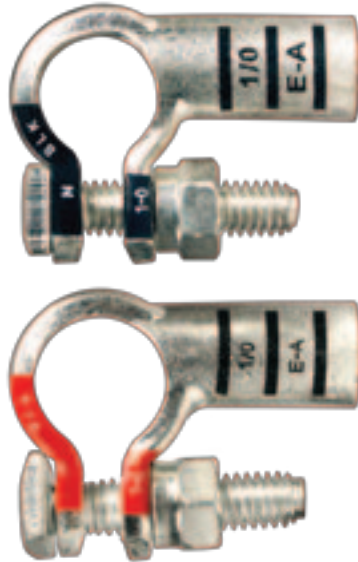


● Color code: yellow
Part Number SCT40N Negative



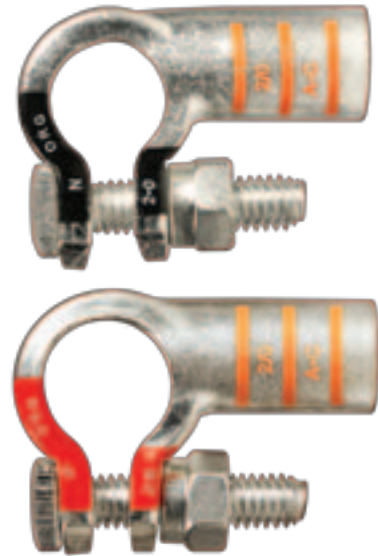
Part Number SCT40P Positive

1/0 AWG Left



● Color code: black
Part Number SCTL10N Negative
SCTL10P Positive

2/0 AWG Left



● Color code: orange
Part Number SCTL20N Negative
SCTL20P Positive

3/0 AWG Left



● Color code: purple
Part Number SCTL30N Negative
SCTL30P Positive

4/0 AWG Left



● Color code: yellow
Part Number SCTL40N Negative
SCTL40P Positive

Parts shown approximately actual size

Solderless Battery Terminals

Eco-friendly Tin Plated 100% Copper

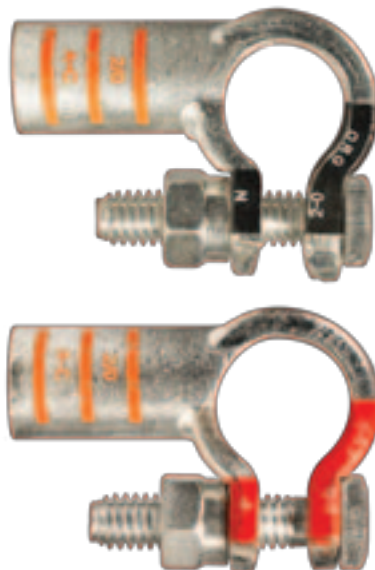
Right Elbows 1/0 – 4/0 AWG

1/0 AWG Right



● Color code: black	Part Number SCTR10N SCTR10P	Polarity Negative Positive
---------------------	--	---

2/0 AWG Right



● Color code: orange	Part Number SCTR20N SCTR20P	Polarity Negative Positive
----------------------	--	---

3/0 AWG Right

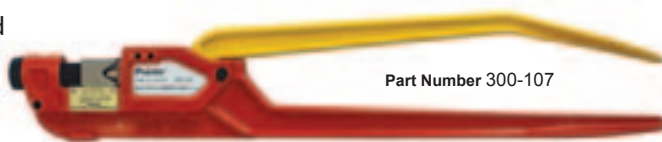


● Color code: purple	Part Number SCTR30N SCTR30P	Polarity Negative Positive
----------------------	--	---

Battery Terminal and Lug Crimpers

Eclipse® Economy Heavy Duty Crimper terminates insulated and non-insulated cable lugs from 8 AWG to 250 MCM copper and 8 AWG to 4/0 aluminum with dual capacity plates.

- Non-ratcheted
- Easy-to-use adjustment knob



Part Number 300-107

Panduit® Manual Dieless Hydraulic Crimper crimps 4 AWG to 750 kcmil copper compression lugs and splices without separate dies.

- Develops 6.2 tons of crimping force with four point indenter system
- Two-stage rapid advance hydraulic system minimizes number of pumps required, audible “pop-off” valve indicates crimp completion
- Flip top crimp head rotates 360° for use in restricted spaces
- Aluminum crimp head and fiberglass handles reduce weight



Part Number CT-980

4/0 AWG Right



● Color code: yellow	Part Number SCTR40N SCTR40P	Polarity Negative Positive
----------------------	--	---

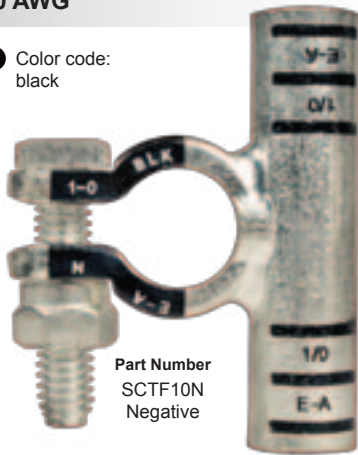


Flag Terminals 1/0 – 4/0 AWG

BATTERY CABLE COMPONENTS AND FITTINGS

1/0 AWG

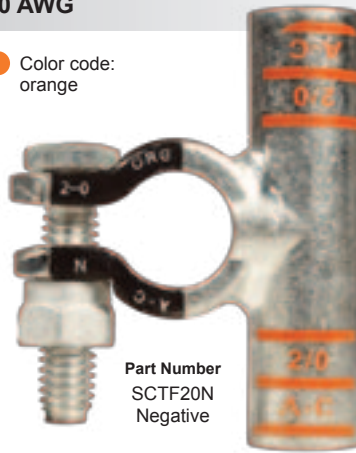
● Color code: black



Part Number
SCTF10N
Negative

2/0 AWG

● Color code: orange



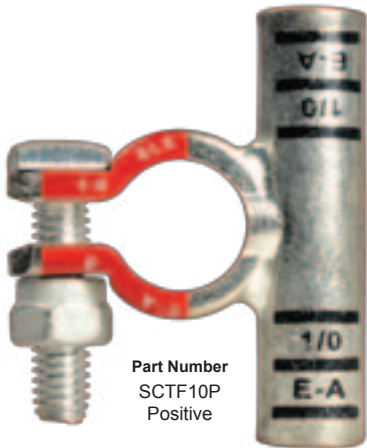
Part Number
SCTF20N
Negative



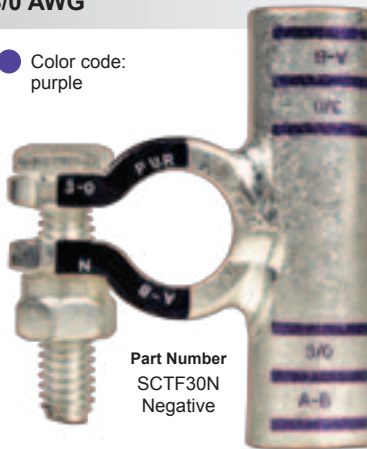
Part Number
SCTF20P
Positive

3/0 AWG

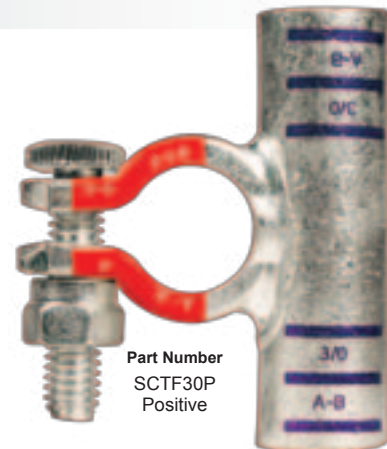
● Color code: purple



Part Number
SCTF10P
Positive



Part Number
SCTF30N
Negative



Part Number
SCTF30P
Positive

Environmentally Friendly 100% Copper Terminals

- 100% C11000 ETP copper
- Max conductivity: 101% IACS at 68°F
- Color and die coded chamfered barrel
- Tinned for corrosion resistance
- Lead-free and RoHS compliant
- Tinned steel nut and bolt
- Exceeds SAE Standard J-1811

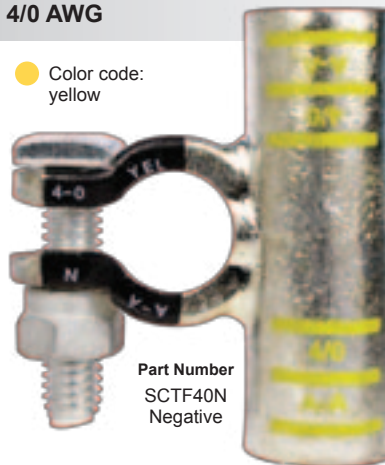


Battery Terminal
Service Kits available
See page 69



4/0 AWG

● Color code: yellow



Part Number
SCTF40N
Negative



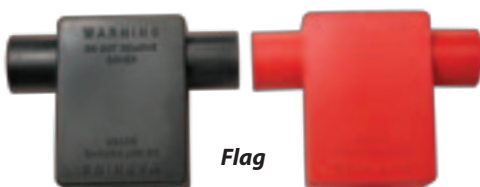
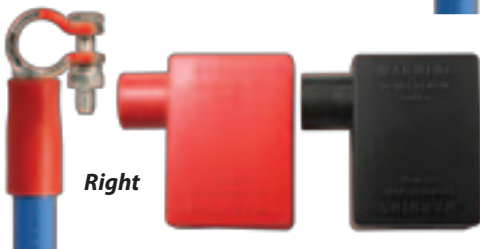
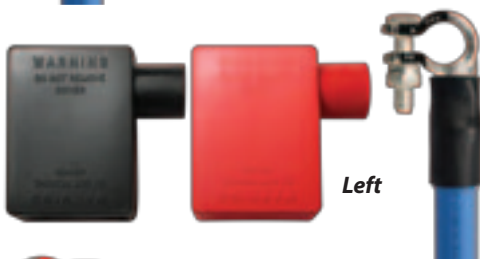
Part Number
SCTF40P
Positive

Parts shown approximately actual size

Cable Cutters and Wire Strippers Battery Terminal Covers

Battery Terminal Covers

Battery Terminal Covers are for the battery and alternator ends of cables. These boots provide protection from corrosion and shorting, and improve product appearance. More sizes and styles of battery boots are available upon request.



Battery Boot Service Kit available on page 69

Eyelet

Part Number	Range	Color
BOOT-E-10BLK	18 – 10 AWG	● Black
BOOT-E-10RED	18 – 10 AWG	● Red
BOOT-E-8BLK	8 AWG	● Black
BOOT-E-8RED	8 AWG	● Red
BOOT-E-1BLK	6 – 1 AWG	● Black
BOOT-E-1RED	6 – 1 AWG	● Red

Stud Mount

Part Number	Range	Color
BOOT-S-10BLK*	18 – 10 AWG	● Black
BOOT-S-10RED*	18 – 10 AWG	● Red
BOOT-S-2BLK	8 – 2 AWG	● Black
BOOT-S-2RED	8 – 2 AWG	● Red
BOOT-S-2/0BLK	1/0 – 2/0 AWG	● Black
BOOT-S-2/0RED	1/0 – 2/0 AWG	● Red
BOOT-S-4/0BLK	3/0 – 4/0 AWG	● Black
BOOT-S-4/0RED	3/0 – 4/0 AWG	● Red

*BOOT-S-10RED and 10BLK sold in packages of 3

Top Mount

Part Number	Range	Color
BOOT-T-4BLK	6 – 4 AWG	● Black
BOOT-T-4RED	6 – 4 AWG	● Red
BOOT-T-1BLK	2 – 1 AWG	● Black
BOOT-T-1RED	2 – 1 AWG	● Red
BOOT-T-2/0BLK	1/0 – 2/0 AWG	● Black
BOOT-T-2/0RED	1/0 – 2/0 AWG	● Red
BOOT-T-4/0BLK	3/0 – 4/0 AWG	● Black
BOOT-T-4/0RED	3/0 – 4/0 AWG	● Red

Top Mount Left

Part Number	Range	Color
BOOT-T-L2BLK	2 – 1 AWG	● Black
BOOT-T-L2RED	2 – 1 AWG	● Red
BOOT-T-L2/0BLK	1/0 – 2/0 AWG	● Black
BOOT-T-L2/0RED	1/0 – 2/0 AWG	● Red
BOOT-T-L4/0BLK	3/0 – 4/0 AWG	● Black
BOOT-T-L4/0RED	3/0 – 4/0 AWG	● Red

Top Mount Right

Part Number	Range	Color
BOOT-T-R2BLK	2 – 1 AWG	● Black
BOOT-T-R2RED	2 – 1 AWG	● Red
BOOT-T-R2/0BLK	1/0 – 2/0 AWG	● Black
BOOT-T-R2/0RED	1/0 – 2/0 AWG	● Red
BOOT-T-R4/0BLK	3/0 – 4/0 AWG	● Black
BOOT-T-R4/0RED	3/0 – 4/0 AWG	● Red

Flag

Part Number	Range	Color
BOOT-F-2BLK	2 – 1 AWG	● Black
BOOT-F-2RED	2 – 1 AWG	● Red
BOOT-F-2/0BLK	1/0 – 2/0 AWG	● Black
BOOT-F-2/0RED	1/0 – 2/0 AWG	● Red
BOOT-F-4/0BLK	3/0 – 4/0 AWG	● Black
BOOT-F-4/0RED	3/0 – 4/0 AWG	● Red



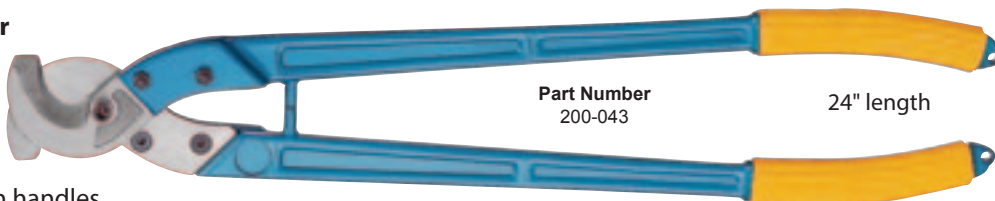
For product details and more tools see
Tools and Accessories at store.polarwire.com

Cable Cutters

Heavy Duty Cable Cutter

handles soft copper and aluminum wire and cable up to 500 MCM.

- Heavy duty construction
- Rubberized cushioning in handles
- Jaw and handle designed for easy cutting



Part Number
200-043

24" length

High-leverage **Forged Steel Cable Cutters** cut solid and stranded copper and aluminum wire. Sheer cut blades are shaped to keep cable round during cutting.

- **200-069** Cuts copper cable up to 16mm² solid, 35mm² stranded, and 70mm² flexible; cuts aluminum cable up to 70mm² stranded
- **200-068** Cuts copper cable up to 25mm² flexible and aluminum cable up to 25mm² stranded
- Comfortable, non-slip PVC handles
- HRC 45°±3°, Cutting edge: HRC 60°±5°
- ISO 9001 Certified



10" length

Part Number
200-069



6 1/2" length

Part Number
200-068



7 1/2" length

Part Number
200-006

Manual Cutter cuts up to 2/0 AWG copper or aluminum cable—a great cutting range for a pouch tool.

- 7 1/2" overall length gives better leverage for easier cutting
- Sharp, precision-ground blades make clean, distortion-free cuts
- Blades are heat treated for long, dependable and durable operation
- Narrow head design for easier access to confined areas

Wire Stripping Tools

Rotary Cable Stripper/Slitters

strip and slit round cable.

- Adjustable cutting depth allows the blade to be set to penetrate just through the insulation for clean removal with no knicked conductors or lost stranding
- Swivel blade for ring, spiral, and longitudinal cuts
- Use the shaped tip to separate and pull away the slit insulation



Part Number 200-048
Slits and strips round cable from 1.0" to 1.4" diameter

Part Number 200-009
Slits and strips round cable from .18" to 1.0" diameter

Precision Wire Stripper strips and cuts 10 AWG to 20 AWG wire. Precision-crafted and ruggedly constructed of durable materials.

- Plier nose, cutter jaw, PVC handles, spring return
- Processed by CNC lathe for accurate size of notches
- Safety lock design for convenient storage



Part Number
200-010

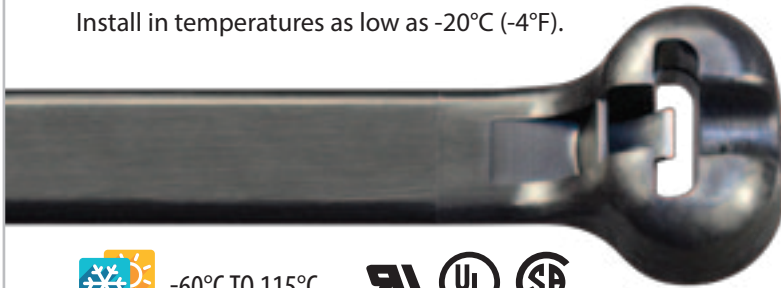
Weather Resistant Nylon Cable Ties

WIRE MANAGEMENT

Dome-Top® Barb Ty Cable Ties

Cable Tie Tensioning Tools available online at store.polarwire.com

Weather Resistant Ties offer greater resistance to damage caused by ultraviolet light and are suitable for indoor and outdoor use. High strength, low thread force. Use to bundle and secure wire and cable, as well as a wide array of other fastening and securing applications. Engineered and manufactured for maximum performance and quality. Rated for use at -60°C to 115°C (-76°F to 239°F). Install in temperatures as low as -20°C (-4°F).



-60°C TO 115°C



Features

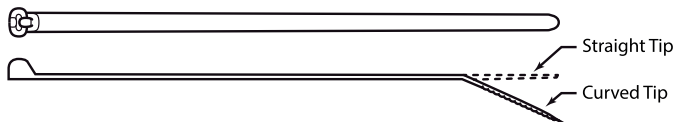
- Dome-Top® head features unique patented design with smooth, rounded edges
- Stainless steel locking barb adds strength, ensures consistent performance and reliability, and provides infinite adjustability through entire bundle range
- Curved tip for easy pick up from flat surfaces and faster threading
- UL Recognized, UL Listed, and CSA Certified (except light-heavy cross section)



Black Weather Resistant Nylon 6/6

Sold in packages of 100

Part Number	Length		Width		Thickness		Max Bundle Diameter		Min Loop Tensile Str.	
	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	N
Miniature Cross Section										
PW523MX	4.0	102	.095	2.4	.036	.9	.90	23	18	80
PW5232MX	7.9	201	.095	2.4	.046	1.2	2.00	51	18	80
PW5234MX	14.2	361	.095	2.4	.046	1.2	4.00	102	18	80
Intermediate Cross Section										
PW524MX	6.1	155	.141	3.6	.041	1.0	1.50	38	40	178
PW5242MX	8.0	203	.141	3.6	.041	1.0	2.00	51	40	178
PW526MX	11.3	287	.141	3.6	.049	1.2	3.00	76	40	178
PW5244MX	14.3	363	.141	3.6	.049	1.2	4.00	102	40	178
Standard Cross Section										
PW525MX	8.0	203	.185	4.7	.045	1.1	2.00	51	50	222
PW5253MX	12.0	305	.185	4.7	.052	1.3	3.00	76	50	222
PW528MX	15.1	384	.185	4.7	.052	1.3	4.00	102	50	222
Light-Heavy Cross Section (straight tip)										
PW5272MX	8.7	221	.275	7.0	.065	1.7	2.00	51	120	534
PW527MX	14.9	378	.275	7.0	.065	1.7	4.00	102	120	534
PW5275MX	18.1	460	.275	7.0	.065	1.7	5.00	127	120	534
PW5277MX	24.4	620	.275	7.0	.065	1.7	7.00	178	120	534
PW529MX	30.7	780	.275	7.0	.065	1.7	9.00	229	120	534



Screw Mount Ties also available






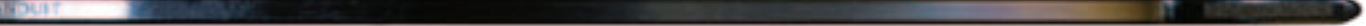
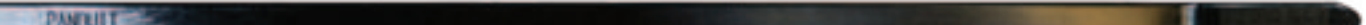
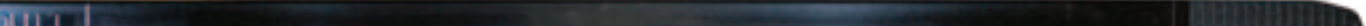

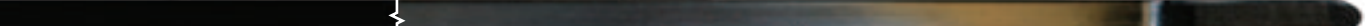





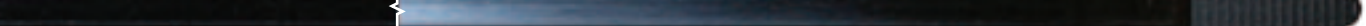
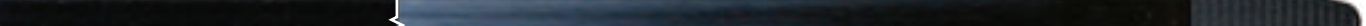
Cable Ties Service Kit available on page 71



Bulk quantities available



Black Weather Resistant Nylon – Indoor/Outdoor Use

	Part Number	Length	Cross Section Type
	PW523MX	4.0"	Miniature
	PW524MX	6.1"	Intermediate
	PW5232MX	7.9"	Miniature
	PW5242MX	8.0"	Intermediate
	PW525MX	8.0"	Standard
	PW5272MX	8.7"	Light Heavy
	PW526MX	11.3"	Intermediate
	PW5253MX	12.0"	Standard
	PW5234MX	14.2"	Miniature
	PW5244MX	14.3"	Intermediate
	PW528MX	15.1"	Standard
	PW527MX	14.9"	Light Heavy
	PW5275MX	18.1"	Light Heavy
	PW5277MX	24.4"	Light Heavy
	PW529MX	30.7"	Light Heavy

Stainless Steel Ties available by special order

Ties shown approximately actual size, except length as indicated

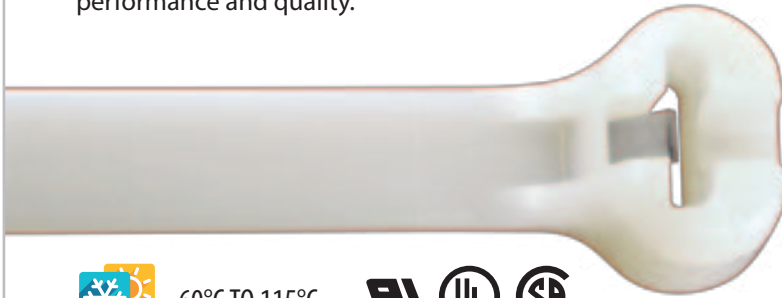
Heat Stabilized Nylon Cable Ties

WIRE MANAGEMENT

Dome-Top® Barb Ty Cable Ties

Cable Tie Tensioning Tools available online at store.polarwire.com

Heat Stabilized Nylon Ties are suitable for use indoors in general and high temperature applications of up to 239°F (115°C). High strength and low thread force. Cable ties bundle and secure wire and cable, and are utilized in a wide array of other fastening and securing applications as well. Engineered and manufactured for maximum performance and quality.

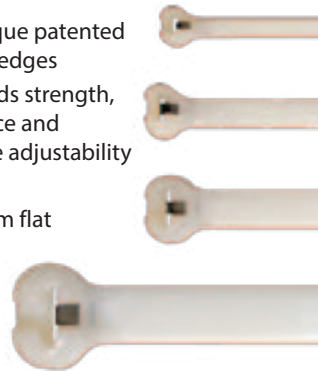


-60°C TO 115°C



Features

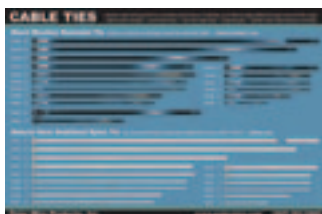
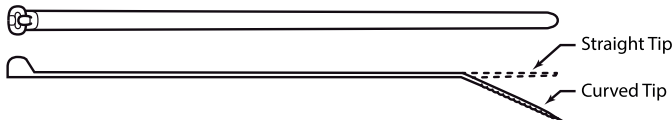
- Dome-Top® head features unique patented design with smooth, rounded edges
- Stainless steel locking barb adds strength, ensures consistent performance and reliability, and provides infinite adjustability through entire bundle range
- Curved tip for easy pick up from flat surfaces and faster threading
- UL Recognized, UL Listed, and CSA Certified (except light-heavy cross section)



Natural Heat Stabilized Nylon 6/6

Sold in packages of 100

Part Number	Length		Width		Thickness		Max Bundle Diameter		Min Loop Tensile Str.	
	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	N
Miniature Cross Section										
PW523M	4.0	102	.095	2.4	.036	.9	.90	23	18	80
PW5232M	7.9	201	.095	2.4	.046	1.2	2.00	51	18	80
PW5234M	14.2	361	.095	2.4	.046	1.2	4.00	102	18	80
Intermediate Cross Section										
PW524M	6.1	155	.141	3.6	.041	1.0	1.50	38	40	178
PW5242M	8.0	203	.141	3.6	.041	1.0	2.00	51	40	178
PW526M	11.3	287	.141	3.6	.049	1.2	3.00	76	40	178
PW5244M	14.3	363	.141	3.6	.049	1.2	4.00	102	40	178
Standard Cross Section										
PW525M	8.0	203	.185	4.7	.045	1.1	2.00	51	50	222
PW5253M	12.0	305	.185	4.7	.052	1.3	3.00	76	50	222
PW528M	15.1	384	.185	4.7	.052	1.3	4.00	102	50	222
Light-Heavy Cross Section (straight tip)										
PW5272M	8.7	221	.275	7.0	.065	1.7	2.00	51	120	534
PW527M	14.9	378	.275	7.0	.065	1.7	4.00	102	120	534
PW5275M	18.1	460	.275	7.0	.065	1.7	5.00	127	120	534
PW5277M	24.4	620	.275	7.0	.065	1.7	7.00	178	120	534
PW529M	30.7	780	.275	7.0	.065	1.7	9.00	229	120	534



Ask about our Cable Tie Ordering Poster!






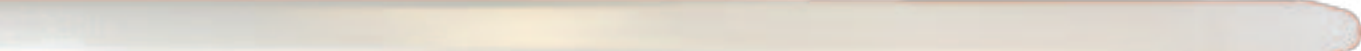








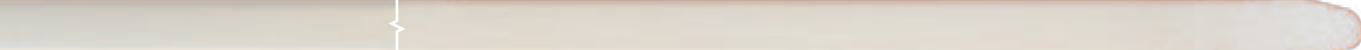
20"x30" poster shows Polar Wire's black and natural nylon cable ties at actual size for quick identification. Includes product info and part numbers for easy reference.



Bulk quantities available



Natural Heat Stabilized Nylon – Indoor Use

	Part Number	Length	Cross Section Type
	PW523M	4.0"	Miniature
	PW524M	6.1"	Intermediate
	PW5232M	7.9"	Miniature
	PW5242M	8.0"	Intermediate
	PW525M	8.0"	Standard
	PW5272M	8.7"	Light Heavy
	PW526M	11.3"	Intermediate
	PW5253M	12.0"	Standard
	PW5234M	14.2"	Miniature
	PW5244M	14.3"	Intermediate
	PW528M	15.1"	Standard
	PW527M	14.9"	Light Heavy
	PW5275M	18.1"	Light Heavy
	PW5277M	24.4"	Light Heavy
	PW529M	30.7"	Light Heavy

Stainless Steel Ties available by special order

Ties shown approximately actual size, except length as indicated

Electrical and Sealing Tape

WIRE MANAGEMENT

Pro Grade PVC Electrical Tape

StrongHold™ Professional Grade Electrical Tape is a 7 mil non-corrosive, pressure sensitive vinyl electrical tape that provides high abrasion resistance with easy application over a range of temperatures. Flame retardant and cold resistant, with excellent elasticity and insulating properties. High-elongation. Protects against abrasion, water, oil, and other corrosive chemicals. Suitable as primary insulation when splicing up to 600 Volts. Can be used as protective jacketing.

StrongHold™ Pro Grade Tape is offered in black (ST-43) and in nine colors for color coding (ST35). Packaged individually in clear plastic storage pucks.

- 7 mil thickness
- -18°C to 105°C (0°F to 221°F)
- 260% elongation typ
- 30 N/cm breaking strength typ
- 2.2 N/cm sticking power typ, adhesion to steel at 22°C (72°F)



StrongHold ST43

3/4" x 66' x .007"
19mm x 20m x .177mm

Part Number Color
ST43 ● Black

StrongHold ST35

3/4" x 66' x .007"
19mm x 20m x .177mm

Part Number	Color
ST35-WHITE	○ White
ST35-GREEN	● Green
ST35-GRAY	● Gray
ST35-RED	● Red
ST35-VIOLET	● Violet
ST35-BLUE	● Blue
ST35-ORANGE	● Orange
ST35-BROWN	● Brown
ST35-YELLOW	● Yellow



General Purpose PVC Electrical Tape

StrongHold™ General Purpose PVC Electrical Tape is an economical 7 mil, high-elongation vinyl tape with a non-corrosive, pressure sensitive rubber adhesive. Excellent conformability properties. Abrasion and weather-resistant. Excellent mechanical and electrical insulation properties. Wraps smoothly and holds tight over a wide temperature range. Suitable as primary insulation when splicing up to 600 Volts or 80°C (176°F).

StrongHold™ General Purpose comes in black (ST14) and in nine colors for color coding (ST17). Individual cellophane wrapped rolls.

- 7 mil thickness
- -10°C to 80°C (14°F to 176°F)
- 200% elongation typ
- 25 N/cm breaking strength typ
- 1.6-1.8 N/cm sticking power typ, adhesion to steel at 22°C (72°F)



StrongHold ST14

3/4" x 60' x .007"
19mm x 18m x .177mm

Part Number Color
ST14 ● Black

StrongHold ST17

3/4" x 66' x .007"
19mm x 20m x .177mm

Part Number	Color
ST17-WHITE	○ White
ST17-GREEN	● Green
ST17-GRAY	● Gray
ST17-RED	● Red
ST17-VIOLET	● Violet
ST17-BLUE	● Blue
ST17-ORANGE	● Orange
ST17-BROWN	● Brown
ST17-YELLOW	● Yellow



Heavy Duty PVC Electrical Tape

StrongHold™ Heavy Duty PVC Electrical Tape is an all-weather, pressure sensitive vinyl electrical tape that applies easily and provides a high level of performance over a range of temperatures.

ST88 Heavy Duty Tape protects against abrasion, water, oil, and other corrosive chemicals. The tape is UL 510 flame retardant, UV resistant, cold resistant, non-corrosive, and lead free.

ST88 is suitable as primary insulation when used for splicing up to 600 Volts or 80°C (176°F) and can be used as a protective outer jacket over splices in low temperature applications.

3/4" and 2" widths.
Individual cellophane wrapped rolls.

- 8.5 mil thickness
- -18°C to 105°C (0°F to 221°F)
- 300% elongation typ
- 30 N/cm breaking strength typ
- 2.2 N/cm sticking power typ, adhesion to steel at 22°C (72° F)



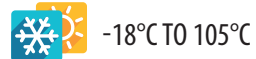
StrongHold ST88

3/4" x 66' x .0085"
19mm x 20m x .21mm

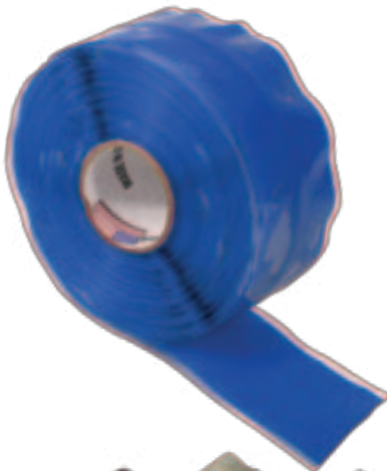
Part Number **Color**
ST88 ● Black

2" x 66' x .0085"
50.8mm x 20.1m x .021mm

Part Number **Color**
ST88-2 ● Black



Self-Fusing Silicone Tape



Wrap 'N Seal Self-Fusing Silicone Tape self fuses and completely cures within 24 hours to form a permanent, moisture-tight, salt-resistant seal. Ideal for high temperature and marine use.

- No adhesive—applies cleanly with no sticky residue
- Seamless, self fusing and begins curing immediately
- Center ridge wrapping guide for uniform application
- Excellent insulator with high dielectric strength
- -53°C to 260°C+ (-65°F to 500°F+) operating temp
- 700 PSI tensile strength
- 300% Elongation



Wrap 'N Seal Tape

1" x 20'
25.4mm x 6.1m

Part Number	Color
SW-BLK	● Black
SW-WHT	○ White
SW-GRN	● Green
SW-GRY	● Gray
SW-RED	● Red
SW-BLU	● Blue
SW-ORG	● Orange
SW-CLR	● Clear
SW-YEL	● Yellow
SW-GLO	○ Glow in the Dark



Pre-Assembled and Custom Service Kits

Polar Wire's refillable **Service Kits** are a convenient way to keep small parts stocked and ready for use. You'll have the part you need, when you need it.

Choose from our wide range of preassembled kits in three container sizes—or design your own custom kit from our extensive inventory of parts, and we'll put it together for you. Our drawer satchel and clear container storage systems can be configured and filled with exactly what you need to keep your projects and processes supplied.



Drawer Satchel Storage Container
18.5" x 12.5" x 3"



Large Clear Storage Container
13.25" x 9" x 2.25"

Clear Storage Container
11" x 7.5" x 1.75"



Small Clear Storage Container
10.25" x 5" x 1.75"



NYLON TERMINAL AND TOOL KIT

Nylon insulated ring, snap /, and quick slide terminals in sizes #6-8 to 1/2" for wire gauges 22-18, 16-14 and 12-10. Heat shrink and a quality wire crimper are included. 1391 pieces. Drawer satchel.

Part Number KIT-NYLONFIELD



NYLON TERMINAL KIT

Nylon insulated ring, snap and quick slide terminals, along with nylon splices in sizes from #6-8 to 1/2" for 22-18 AWG, 16-14 AWG and 12-10 AWG. 600 pieces. Drawer satchel.

Part Number KIT-NYLON



HEAT SEAL BASIC KIT Part Number KIT-HSEAL/BASIC
Popular 22-10 gauge ring terminals, male and female quick slides, and splices. 1000 pieces. Drawer satchel.



HEAT SEAL FIELD KIT Part Number KIT-HSEAL/FIELD
22-10 gauge ring terminals, quick slide terminals, splices. 1000 pieces. Same kit as above, packed in a drawer satchel with tool storage space.

HEAT SEAL MASTER KIT Part Number KIT-HEAT-SEALX2
22-10 gauge heat seal ring, spade, and quick slide terminals in a variety of sizes, with butts and stepdowns. Includes a high quality heat seal crimper. 1901 pieces. Two drawer satchels.



HEAT SEAL TERMINAL KIT
22-10 gauge heat seal ring terminals, quick slide terminals, and splices in a variety of popular sizes. 90 pieces. Clear storage container.
Part Number KIT-HSEAL/SMALL



LARGE HEAT SEAL TERMINAL KIT
10-22 gauge heat seal ring, spade, and quick slide terminals in a variety of popular sizes, along with splices. 240 pieces. Large clear storage container.
Part Number KIT-HEAT-SEAL



HEAT SEAL SPLICE KIT
22-18, 16-14, 12-10 and 8 gauge heat seal splices; 22-18 to 16-14, and 16-14 to 12-10 gauge stepdowns. 210 pieces. Clear storage container.
Part Number KIT-HSEALSPLICE

Power and Locking Connector Kits Lugs, Boots, Solder, and Ferrule Kits

SERVICE KITS



30 AMP POWER POLE KIT
Multicolored housings, housing retaining pins, and contact tips for 12-16 and 16-20 AWG wire. 57 pieces. Small clear storage container.
Part Number
KIT-PP30



75 AMP POWER POLE KIT
Multicolored housings, housing retaining pins, contact tips for 8, 6 and 10-12 AWG wire, and two rubber dust covers. 39 pieces. Small clear storage container.
Part Number
KIT-PP75



50 AMP POWER CONNECTOR KIT
Multicolored housings, contact tips for 8, 6 and 10-12 AWG wire, cable clamp, steel pull handle, and two black rubber dust covers. 26 pieces. Clear storage container.
Part Number
KIT-SY50



SOLDER KIT
Color coded solder in premeasured pieces for 4, 2, 1, 1/0, 2/0, 3/0, and 4/0 AWG connectors. Flux and Solder-It™ Solder Paste included. 102 pieces. Clear storage container.
Part Number
KIT-SOLDER

See Power Connector specifications on page 72,
and Weather Pack Connectors on page 89
Visit store.polarwire.com for more



WEATHER PACK KIT **Part Number** KIT-WP
20-18, 16-14, 12 AWG connectors. Male and female terminals, shrouds, towers, plugs, seals. Tool optional. 299 pieces. Drawer satchel.



METRI PACK KIT **Part Number** KIT-MP
Connectors in 20-18, 16-14 AWG, 12 and 10 gauge. Male and female housings, terminals, plugs, seals. 327 pieces. Drawer satchel.



DEUTSCH KIT **Part Number** KIT-DT-SERIES
4 AWG to 18 AWG plugs, receptacles, pins, sockets, and wedgelocks. Includes an extractor and quality crimp tool. 414 pieces. Drawer satchel.



8 TO 4/0 GA PLATED LUG KIT Part Number KIT-BCL
Heavy-duty closed-end plated copper eyelet lugs. 1/4", 3/16", 5/16" and 1/2" eyelets in 8 to 4/0 gauge. 355 pieces. Drawer satchel.

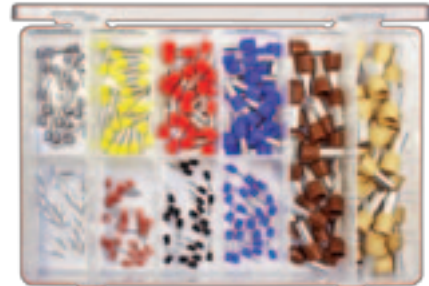


8 TO 2 GA SMALL PLATED LUG KIT
Heavy-duty closed-end plated copper lugs and butt splices. #10 stud size in 8, 6, and 4 gauge, and 1/4", 5/16", 3/8", and 1/2" stud sizes in 8, 6, 4, and 2 gauge. 320 pieces. Large clear storage container.
Part Number
KIT-BCL-SMALL



TERMINAL REPAIR KIT Part Number KIT-SCT
Eco friendly top-mount flag, left, right, and straight solderless battery terminals in 1/0, 2/0, 3/0, and 4/0 gauge. 64 pieces. Drawer satchel.

FERRULE KIT
Nylon insulated ferrules in ten sizes from 20 to 2 gauge. 250 pieces. Clear storage container.
Part Number
KIT-FERRULE



BATTERY BOOT KIT Part Number KIT-BOOT
Top mount, flag, elbow, and alternator stud style boot covers in red and black. 10-18, 8-2, 2-1, 1/0-2/0, and 3/0-4/0. 54 pieces. Drawer satchel.



LARGE FERRULE KIT Part Number KIT-FERRULE-LG
Nylon insulated ferrules and twin ferrules in 22 to 6 gauge (except 8 twin), with a quality crimp frame and two die sets. 1703 pieces. Drawer satchel.

*See Plated Lug specifications on page 46,
Battery Terminals on page 55, Boots on page 58,
and Ferrules on page 88*

Heat Shrink and Cable Tie Kits Cable Clamp and Grommet Kits

SERVICE KITS



COLOR HEAT SHRINK KIT Part Number KIT-HS-COLOR
Double-satchel kit stocked with adhesive-lined dual wall heat shrink tubing in 12" lengths and diameters of 1/8" to 1". Black, red, clear, white, green, yellow, and blue. 124 pieces. Two drawer satchels.

For heat shrink specifications, see pages 43 and 44



Polar Wire Arctic Ultraflex Blue® custom cables link the solar batteries in this energy storage bank. Our cables are finished with tough, adhesive lined heat shrink to seal out dirt and corrosion.



HEAVY DUTY HEAT SHRINK KIT Part Number KIT-HS-HD
Black and red adhesive lined heavy wall heat shrink tubing in 12" lengths. 1/3", 1/2", 3/4" and 1" diameters. 32 pieces. Drawer satchel.



LARGE HEAT SHRINK KIT Part Number KIT-HS-LARGE
Black, clear, and red adhesive lined dual wall shrink in 12" lengths. 1/8", 3/16", 1/4", 3/8", 1/2", 3/4" and 1" diameters. 134 pieces. Drawer satchel.



SMALL HEAT SHRINK KIT
Part Number KIT-HS-SMALL
Black, clear, and red adhesive lined dual wall shrink tubing in 12" lengths. 3/16", 1/4", 3/8", and 1/2" to 1" diameters. 40 pieces. Large clear storage container.



BLACK WIRE TIES KIT Part Number **KIT-TIES-BLACK**
 UV Black ties in seven lengths from 4" to 11.3" with 18 to 120 lb tensile strengths. 3/4" and 1" adhesive mounts. 900 pieces. Drawer satchel.



BLACK & WHITE WIRE TIES KIT Part Number **KIT-TIES**
 UV Black and natural nylon ties in seven lengths from 4" to 11.3" with 18 to 120 lb tensile strengths. 3/4" and 1" adhesive mounts. 900 pieces. Drawer satchel.

*See cable tie specifications on pages 60 to 63
 Visit store.polarwire.com for more*



METAL CABLE CLAMP KIT Part Number **KIT-MCC**
 Vinyl-dipped metal cable clamps in eleven sizes from 1/4" to 1 3/4" diameter. 120 pieces. Drawer satchel.



RUBBER GROMMET KIT Part Number **KIT-RG**
 Selection of rubber grommets in sizes to fit holes from 3/16" to 2-1/2" diameter and panels 1/16" to 1/4" thick. 245 pieces. Drawer satchel.

Customize Your Kit!

Polar Wire Service Kits are perfect for keeping the exact parts you need stocked and ready to use.

Choose from the thousands of quality components in our catalog or online store, and we'll put together a kit that is organized, labeled, and easily refillable.

Call us to order!



SY® Power Connectors and Contact Tips

The **SY® Power Connector** is designed for use as a power quick-disconnect in automotive, RV, and marine applications, as well as other high-current DC charging circuits.

SY® connector housings are genderless and mechanically keyed by color—connectors of the same color and size are mated together by simply flipping one over. The keyed design visually and physically prevents accidental cross-mating.

Features

- UL rated for 600 volts
- Single-piece impact-resistant Polycarbonate Lexan® housings
- Superior tolerance to extreme cold and heat
- Solid copper contacts are plated with 99.9% pure silver for maximum conductivity with low resistance
- Unique “ramplock” action allows contacts to be easily mated yet securely locked in position
- Integral tempered 301 stainless steel springs maintain constant pressure on the contacts to ensure consistent, low resistance connections and resist vibration arcing
- Self cleaning design keeps conductive surfaces corrosion-free
- Heat-treated, flared barrels readily accept fine stranded wire

Applications

- Marine, auto, and RV accessories
- Jumper cables and harnesses
- Equipment and Service Trucks
- Allows one connection system to meet multiple needs



Contacts



50 Amp	Gauge
Part Number SY50-TIP-10	10-12 gauge
Part Number SY50-TIP-8	8 gauge
Part Number SY50-TIP-6	6 gauge

120 Amp	Gauge
Part Number SY120-TIP-6	6 gauge
Part Number SY120-TIP-4	4 gauge
Part Number SY120-TIP-2	2 gauge

175 Amp	Gauge
Part Number SY175-TIP-6	6 gauge
Part Number SY175-TIP-4	4 gauge
Part Number SY175-TIP-2	2 gauge
Part Number SY175-TIP-1	1 gauge
Part Number SY175-TIP-1/0	1/0 gauge

350 Amp	Gauge
Part Number SY350-TIP-1/0	1/0 gauge
Part Number SY350-TIP-2/0	2/0 gauge
Part Number SY350-TIP-3/0	3/0 gauge
Part Number SY350-TIP-4/0	4/0 gauge

Housings

50 Amp

Part Number	Color
SY50-GRY	Gray
SY50-RED	Red
SY50-BLK	Black
SY50-BLU	Blue
SY50-YEL	Yellow

120 Amp

Part Number	Color
SY120-GRY	Gray
SY120-RED	Red
SY120-BLU	Blue

175 Amp

Part Number	Color
SY175-GRY	Gray
SY175-BLU	Blue
SY175-ORG	Orange
SY175-YEL	Yellow
SY175-RED	Red

350 Amp

Part Number	Color
SY350-GRY	Gray
SY350-BLU	Blue
SY350-RED	Red
SY350-GRN	Green
SY350-ORG	Orange
SY350-YEL	Yellow



Power Connector Service Kit available on page 68



Custom Power Connector Cables, Protective Covers

POWER CONNECTORS



Protective SY Covers

Black Polycarbonate Cover

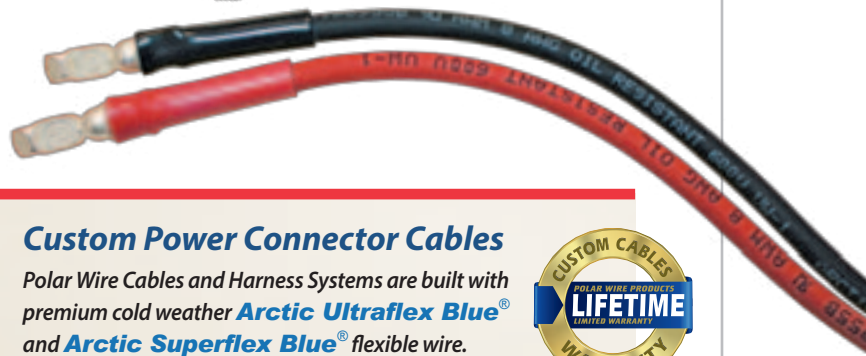
Housing Size	Part Number
175 Amp	STC905
350 Amp	STC906

Black Rubber Cover

Housing Size	Part Number
350 Amp	STC902-BLK
175 Amp	STC903-BLK
50 Amp	STC904-BLK

Red Rubber Cover

Housing Size	Part Number
350 Amp	STC902-RED
175 Amp	STC903-RED
50 Amp	STC904-RED



Custom Power Connector Cables

Polar Wire Cables and Harness Systems are built with premium cold weather **Arctic Ultraflex Blue®** and **Arctic Superflex Blue®** flexible wire.

Get the specific cable configurations you need, properly crimped and shrink sealed for best performance and longevity. Quality checked at every step. Fast turnaround. Call us to order!



400 Amp Single Pin Inline and Panel Mount Connectors

CLS Series Single Pin Inline Connectors

are designed for maximum resistance to excessive torque loading. Constructed of weatherproof materials.

- NEMA 3R and NEMA 4R rated for wet locations
- UL Listed and CSA Certified
- Accepts up to 400A/600V

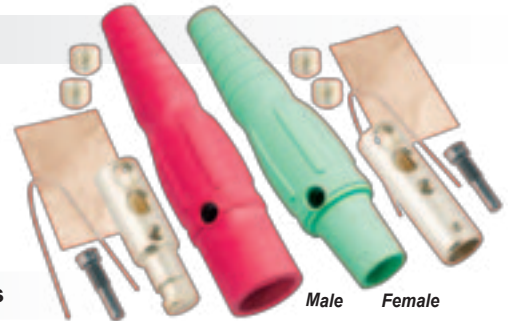
CL Series Single Pin Panel Mount Connectors

feature super tough nylon housings that won't chip or crack under extreme temperature and impact conditions.

- Stud post or set screw style
- Self-threading screws
- Accepts up to 400A/600V
- Mounts with self-tapping stainless screws, eliminates lock washers and nuts

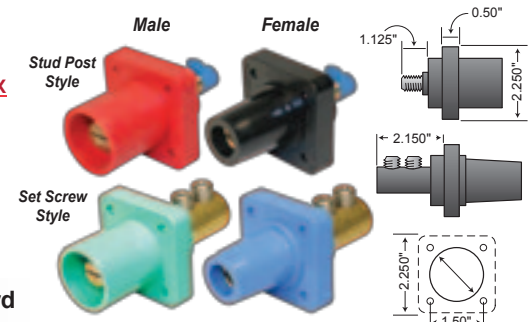
400A Inline Connectors

Size AWG	Male Part Number	Female Part Number
6-2	CLS2MB-X	CLS2FB-X
2-2/0	CLS20MB-X	CLS20FB-X
2/0-4/0	CLS40MB-X	CLS40FB-X



400A Panel Mount Connectors

Size AWG	Male Part Number	Female Part Number
Stud Post Style		
2/0-4/0	CL40MRB-X	CL40FRB-X
Set Screw Style		
2-2/0	CL20MRB-X	CL20FRB-X
2/0-4/0	CL40MRB-X	CL40FRB-X



Protective Covers with Lanyard



Part Number CL40FC-X Fits Female Connector
Part Number CL40MC-X Fits Male Connector

- Available colors:
- Black (A) ● Blue (D) ● Orange (G)
 - White (B) ● Green (E) ● Yellow (H)
 - Red (C) ● Brown (F)

TO ORDER, add desired color code (X) to the part number. Example: CLS2MB-C

Custom CLS Cables

We build **Arctic Ultraflex Blue®** pin connector cables to your exact specifications. Rigorous quality. Lifetime warranty. Call us today!



400 Amp Couplers and T Connectors



Hard 3-Line Tap Male to 3 Females
Part Number CA3F-X



Reverse Hard 3-Line Tap Female to 3 Males
Part Number CA3M-X
(White (B) and green (E) only)



Soft 3-Line Tap Male to 3 Females
Part Number CA3FST-X



Paralleling T Female to 2 Males
Part Number CPT-X



Tapping T Male to 2 Females
Part Number CTT-X

- Available colors:
- Black (A) ● Red (C) ● Green (E)
 - White (B) ● Blue (D)

TO ORDER, add desired color code (X) to the part number. Example: CA3F-E

150 Amp Single Pin Inline and Panel Mount Connectors

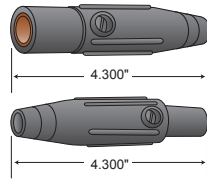
CLM Series Inline Connectors have tough nylon housings. Nylon retaining screw provides maximum fixation. Withstands heavy torque loading. Made of weatherproof materials.

- NEMA 3R and NEMA 4R rated for wet locations
- UL Listed and CSA Certified
- Accepts up to 150A/600V

CLM Series Panel Mount Connectors are supplied with self-threading screws.

- Stud post or set screw style
- Super tough nylon housing
- Accepts up to 150A/600V

150A Inline Connectors 8 to 2 AWG



Male
Part Number
CLM2M-**X**

Female
Part Number
CLM2f-**X**

150A Panel Mount Connectors 8 to 2 AWG

Stud Post Style

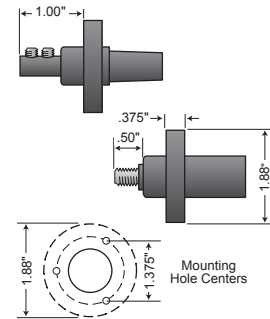
Male
Part Number
CLMMRS-**X**

Female
Part Number
CLMFRS-**X**

Set Screw Style

Male
Part Number
CLMMR2-**X**

Female
Part Number
CLMFR2-**X**



Protective Covers with Lanyard



Part Number
CLMMC-**X**
Fits male connector

Part Number
CLMFC-**X**
Fits female connector

Available colors:

- Black (A)
- Blue (D)
- Orange (G)
- White (B)
- Green (E)
- Yellow (H)
- Red (C)
- Brown (F)

TO ORDER, add desired color code (**X**) to the part number. Example: CLM2M-**B**

400 Amp to 150 Amp Cam Reducers

Cam Reducers and Reducer Connectors step down cable connections from large cam to small cam inline.

Cam Reducer

Part Number	Amperage Reduction
CLMAD3F- X	400A / 600V Male to 3 150A / 600V Females

Reducer Connectors

Part Number	Amperage Reduction
CLMADFF-A	400A Female to 150A Female (available in Black only)
CLMADMF- X	400A Male to 150A Female
CLMADFM- X	400A Female to 150A Male
CLMADMM- X	400A Male to 150A Male



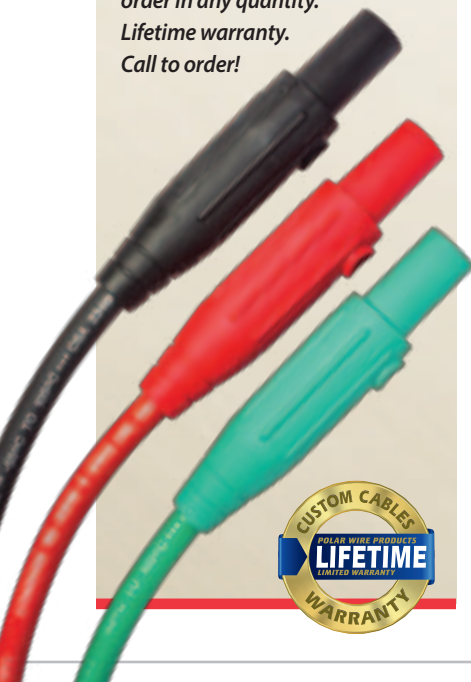
Available colors:

- Black (A)
- White (B)
- Red (C)
- Blue (D)
- Green (E)

TO ORDER, add desired color code (**X**) to the part number. Example: CLMAD3F-**D**

Custom CLM Cables

Our **Arctic Ultraflex Blue**® single pin connector cables are built to strict quality standards, right here in the USA. Made to order in any quantity. Lifetime warranty. Call to order!



Heavy Duty Compression Lugs and Splices

POWER CONNECTORS

Heavy Duty Compression Terminals

Made from high strength, highly conductive electrolytic copper, **Heavy Duty Code and Flex Compression Lugs and Splices** are extra tough, durable, reliable, and 100% conductive. They crimp in industry standard tooling for lowest applied cost.

Use in high voltage and heavy duty applications: generators, transformers, switch gear, motor controls, power distribution, welding equipment, telecommunications and utilities.

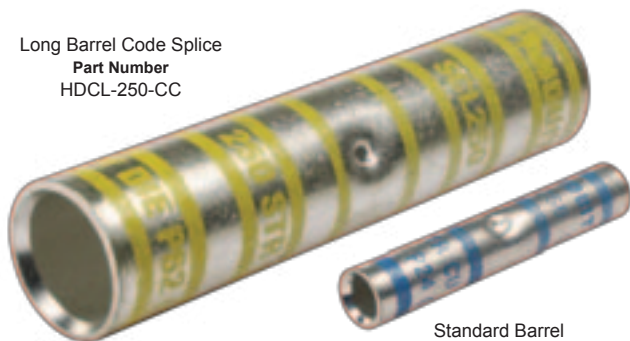
- Easy to read industry standard color code markings indicate size, proper die set, and crimp location
- Heavy duty seamless barrel will not open under stress or conductor pull conditions
- Made from highly conductive wrought copper tubing
- Electro tin plated and burnished to prevent corrosion
- Standard barrel lugs feature inspection hole for verifying strand placement
- Chamfered barrel for easy wire insertion
- Available in standard barrel for limited space applications and long barrel for greater pull out strength and increased conductivity
- UL Listed, CSA Certified and rated to 90°C (194°F)

Fine strand flexible wire has a slightly larger conductor diameter than code stranded wire. When using **Code Lugs** with 2 AWG and larger **Arctic Ultraflex Blue**® and similar fine strand flexible wire, step up one lug size.

Flex Lugs, sized for the larger conductor diameter of fine strand flexible wire, are available on pages 100-101



Long Barrel Code Splice
Part Number
HDCL-250-CC



Standard Barrel
Code Splice
Part Number HDC-6-CC



Code Splice Connectors

Long Barrel Code Splices

Part Number	Die Code	Arctic Ultraflex Wire AWG	Code Stranded Wire AWG
HDCL-8-CC	Red	8	8
HDCL-6-CC	Blue	6	6
HDCL-4-CC	Gray	4	4
HDCL-2-CC	Brown	-	2
HDCL-1-CC	Green	2	1
HDCL-1/0-CC	Pink	1	1/0
HDCL-2/0-CC	Black	1/0	2/0
HDCL-3/0-CC	Orange	2/0	3/0
HDCL-4/0-CC	Purple	3/0	4/0
HDCL-250-CC	Yellow	4/0	250 MCM
HDCL-300-CC	White	250 MCM	300 MCM
HDCL-350-CC	Red	300 MCM	350 MCM
HDCL-400-CC	Blue	350 MCM	400 MCM
HDCL-500-CC	Brown	400 MCM	500 MCM
HDCL-600-CC	Green	500 MCM	600 MCM
HDCL-750-CC	Black	600 MCM	750 MCM
HDCL-900-CC	Yellow	750 MCM	900 MCM
HDCL-1000-CC	White	900 MCM	1000 MCM

Standard Barrel Code Splices

Part Number	Die Code	Arctic Ultraflex Wire AWG	Code Stranded Wire AWG
HDC-8-CC	Red	8	8
HDC-6-CC	Blue	6	6
HDC-4-CC	Gray	4	4
HDC-2-CC	Brown	-	2
HDC-1-CC	Green	2	1
HDC-1/0-CC	Pink	1	1/0
HDC-2/0-CC	Black	1/0	2/0
HDC-3/0-CC	Orange	2/0	3/0
HDC-4/0-CC	Purple	3/0	4/0
HDC-250-CC	Yellow	4/0	250 MCM
HDC-300-CC	White	250 MCM	300 MCM
HDC-350-CC	Red	300 MCM	350 MCM
HDC-400-CC	Blue	350 MCM	400 MCM
HDC-500-CC	Brown	400 MCM	500 MCM
HDC-600-CC	Green	500 MCM	600 MCM
HDC-700-CC	Pink	600 MCM	700 MCM
HDC-750-CC	Black	700 MCM	750 MCM
HDC-900-CC	Yellow	750 MCM	900 MCM
HDC-1000-CC	White	900 MCM	1000 MCM



Rated 35KV Applications — Copper Conductors Only

Single Hole Code Lugs

POWER CONNECTORS

Long Barrel Single Hole Code Lugs

Part Number	Stud Size	Die Code	Arctic Ultraflex Wire AWG	Code Stranded Wire AWG
HDCL-810-CC	#10	● Red	8	8
HDCL-814-CC	1/4"	● Red	8	8
HDCL-610-CC	#10	● Blue	6	6
HDCL-614-CC	1/4"	● Blue	6	6
HDCL-638-CC	3/8"	● Blue	6	6
HDCL-414-CC	1/4"	● Gray	4	4
HDCL-4516-CC	5/16"	● Gray	4	4
HDCL-214-CC	1/4"	● Brown	-	2
HDCL-2516-CC	5/16"	● Brown	-	2
HDCL-238-CC	3/8"	● Brown	-	2
HDCL-114-CC	1/4"	● Green	2	1
HDCL-1516-CC	5/16"	● Green	2	1
HDCL-10516-CC	5/16"	● Pink	1	1/0
HDCL-1038-CC	3/8"	● Pink	1	1/0
HDCL-2038-CC	3/8"	● Black	1/0	2/0
HDCL-2012-CC	1/2"	● Black	1/0	2/0
HDCL-3038-CC	3/8"	● Orange	2/0	3/0
HDCL-3012-CC	1/2"	● Orange	2/0	3/0
HDCL-4038-CC	3/8"	● Purple	3/0	4/0
HDCL-4012-CC	1/2"	● Purple	3/0	4/0
HDCL-25012-CC	1/2"	● Yellow	4/0	250 MCM
HDCL-30012-CC	1/2"	○ White	250 MCM	300 MCM
HDCL-35012-CC	1/2"	● Red	300 MCM	350 MCM
HDCL-40058-CC	5/8"	● Blue	350 MCM	400 MCM
HDCL-50012-CC	1/2"	● Brown	400 MCM	500 MCM
HDCL-50058-CC	5/8"	● Brown	400 MCM	500 MCM
HDCL-60012-CC	1/2"	● Green	500 MCM	600 MCM
HDCL-60058-CC	5/8"	● Green	500 MCM	600 MCM
HDCL-75058-CC	5/8"	● Black	700 MCM	750 MCM
HDCL-100058-CC	5/8"	○ White	750 MCM	1000 MCM

Standard Barrel Single Hole Code Lugs

with window

Part Number	Stud Size	Die Code	Arctic Ultraflex Wire AWG	Code Stranded Wire AWG
HDC-810-CC	#10	● Red	8	8
HDC-814-CC	1/4"	● Red	8	8
HDC-8516-CC	5/16"	● Red	8	8
HDC-838-CC	3/8"	● Red	8	8
HDC-610-CC	#10	● Blue	6	6
HDC-614-CC	1/4"	● Blue	6	6
HDC-6516-CC	5/16"	● Blue	6	6
HDC-638-CC	3/8"	● Blue	6	6
HDC-410-CC	#10	● Gray	4	4
HDC-414-CC	1/4"	● Gray	4	4
HDC-4516-CC	5/16"	● Gray	4	4
HDC-438-CC	3/8"	● Gray	4	4
HDC-214-CC	1/4"	● Brown	-	2
HDC-2516-CC	5/16"	● Brown	-	2
HDC-238-CC	3/8"	● Brown	-	2
HDC-212-CC	1/2"	● Brown	-	2
HDC-114-CC	1/4"	● Green	2	1
HDC-1516-CC	5/16"	● Green	2	1
HDC-138-CC	3/8"	● Green	2	1
HDC-1014-CC	1/4"	● Pink	1	1/0
HDC-10516-CC	5/16"	● Pink	1	1/0
HDC-1038-CC	3/8"	● Pink	1	1/0
HDC-1012-CC	1/2"	● Pink	1	1/0
HDC-2014-CC	1/4"	● Black	1/0	2/0
HDC-20516-CC	5/16"	● Black	1/0	2/0
HDC-2038-CC	3/8"	● Black	1/0	2/0
HDC-2012-CC	1/2"	● Black	1/0	2/0
HDC-3014-CC	1/4"	● Orange	2/0	3/0
HDC-30516-CC	5/16"	● Orange	2/0	3/0
HDC-3038-CC	3/8"	● Orange	2/0	3/0
HDC-3012-CC	1/2"	● Orange	2/0	3/0
HDC-4014-CC	1/4"	● Purple	3/0	4/0
HDC-40516-CC	5/16"	● Purple	3/0	4/0
HDC-4038-CC	3/8"	● Purple	3/0	4/0
HDC-4012-CC	1/2"	● Purple	3/0	4/0
HDC-25014-CC	1/4"	● Yellow	4/0	250 MCM
HDC-25038-CC	3/8"	● Yellow	4/0	250 MCM
HDC-25012-CC	1/2"	● Yellow	4/0	250 MCM
HDC-25058-CC	5/8"	● Yellow	4/0	250 MCM
HDC-300516-CC	5/16"	○ White	250 MCM	300 MCM
HDC-30038-CC	3/8"	○ White	250 MCM	300 MCM
HDC-30012-CC	1/2"	○ White	250 MCM	300 MCM
HDC-30058-CC	5/8"	○ White	250 MCM	300 MCM
HDC-35038-CC	3/8"	● Red	300 MCM	350 MCM
HDC-35012-CC	1/2"	● Red	300 MCM	350 MCM
HDC-35058-CC	5/8"	● Red	300 MCM	350 MCM
HDC-40038-CC	3/8"	● Blue	350 MCM	400 MCM
HDC-40012-CC	1/2"	● Blue	350 MCM	400 MCM
HDC-40058-CC	5/8"	● Blue	350 MCM	400 MCM
HDC-50038-CC	3/8"	● Brown	400 MCM	500 MCM
HDC-50012-CC	1/2"	● Brown	400 MCM	500 MCM
HDC-50058-CC	5/8"	● Brown	400 MCM	500 MCM
HDC-60012-CC	1/2"	● Green	500 MCM	600 MCM
HDC-60058-CC	5/8"	● Green	500 MCM	600 MCM
HDC-70038-CC	5/8"	● Pink	600 MCM	700 MCM
HDC-75058-CC	5/8"	● Black	700 MCM	750 MCM
HDC-100058-CC	5/8"	○ White	750 MCM	1000 MCM



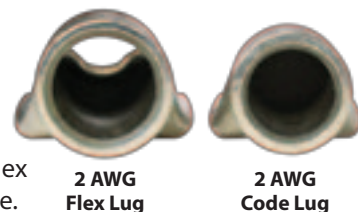
Heavy Duty Flex Compression Lugs

Single Hole Flex Lugs

Rated 35KV Applications — Copper Conductors Only

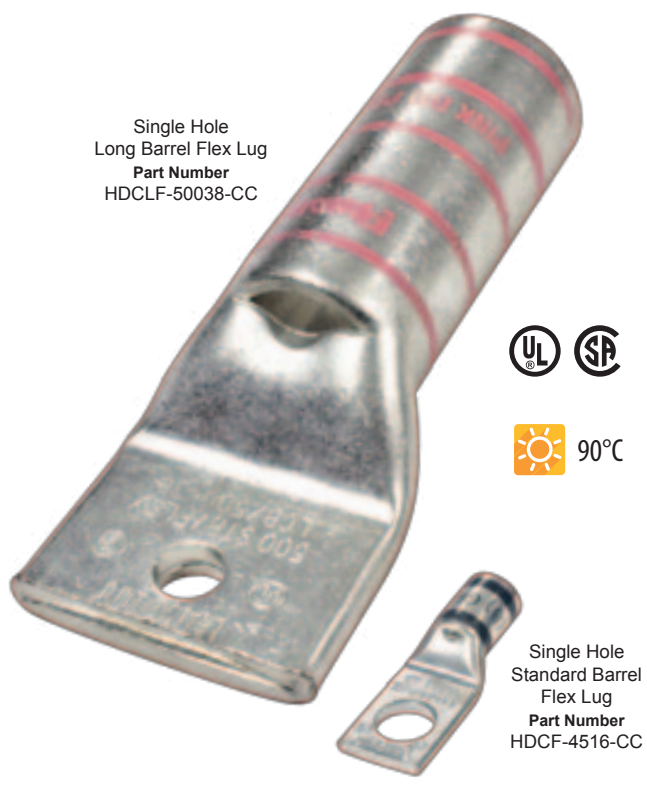
Heavy Duty Single Hole and Double Hole Flex Compression Lugs are designed for use with both code stranded and flexible fine stranded copper conductor wire such as Class K **Arctic Ultraflex Blue**®. Flex Lugs can be used with class G, H, I, K, and M flexible conductors and Diesel Locomotive (DLO) wire.

Flex Lugs are sized for the larger conductor diameter of flexible wire. When using flex lugs with either flexible or code stranded conductors, match the lug to the wire size.



Long Barrel Single Hole Flex Lugs					with window
Part Number	Stud Size	Die Code	Arctic Ultraflex Wire AWG	Code Stranded Wire AWG	
HDCLF-814-CC	1/4"	Red	8	8	
HDCLF-614-CC	1/4"	Blue	6	6	
HDCLF-638-CC	3/8"	Blue	6	6	
HDCLF-414-CC	1/4"	Gray	4	4	
HDCLF-438-CC	3/8"	Gray	4	4	
HDCLF-214-CC	1/4"	Brown	2	2	
HDCLF-238-CC	3/8"	Brown	2	2	
HDCLF-212-CC	1/2"	Brown	2	2	
HDCLF-2038-CC	3/8"	Black	2/0	2/0	
HDCLF-2012-CC	1/2"	Black	2/0	2/0	
HDCLF-4038-CC	3/8"	Purple	4/0	4/0	
HDCLF-4012-CC	1/2"	Purple	4/0	4/0	
HDCLF-50038-CC	3/8"	Pink	500 MCM/535.3 DLO	500 MCM	

Standard Barrel Single Hole Flex Lugs					with window
Part Number	Stud Size	Die Code	Arctic Ultraflex Wire AWG	Code Stranded Wire AWG	
HDCF-810-CC	#10	Red	8	8	
HDCF-814-CC	1/4"	Red	8	8	
HDCF-838-CC	3/8"	Red	8	8	
HDCF-610-CC	#10	Blue	6	6	
HDCF-614-CC	1/4"	Blue	6	6	
HDCF-6516-CC	5/16"	Blue	6	6	
HDCF-638-CC	3/8"	Blue	6	6	
HDCF-410-CC	#10	Gray	4	4	
HDCF-414-CC	1/4"	Gray	4	4	
HDCF-4516-CC	5/16"	Gray	4	4	
HDCF-438-CC	3/8"	Gray	4	4	
HDCF-214-CC	1/4"	Brown	2	2	
HDCF-2516-CC	5/16"	Brown	2	2	
HDCF-238-CC	3/8"	Brown	2	2	
HDCF-212-CC	1/2"	Brown	2	2	
HDCF-114-CC	1/4"	Green	1	1	
HDCF-1516-CC	5/16"	Green	1	1	
HDCF-138-CC	3/8"	Green	1	1	
HDCF-1014-CC	1/4"	Pink	1/0	1/0	
HDCF-10516-CC	5/16"	Pink	1/0	1/0	
HDCF-1038-CC	3/8"	Pink	1/0	1/0	
HDCF-1012-CC	1/2"	Pink	1/0	1/0	
HDCF-2014-CC	1/4"	Black	2/0	2/0	
HDCF-20516-CC	5/16"	Black	2/0	2/0	
HDCF-2038-CC	3/8"	Black	2/0	2/0	
HDCF-2012-CC	1/2"	Black	2/0	2/0	
HDCF-3014-CC	1/4"	Orange	3/0	3/0	
HDCF-30516-CC	5/16"	Orange	3/0	3/0	
HDCF-3038-CC	3/8"	Orange	3/0	3/0	
HDCF-3012-CC	1/2"	Orange	3/0	3/0	
HDCF-4014-CC	1/4"	Purple	4/0	4/0	
HDCF-40516-CC	5/16"	Purple	4/0	4/0	
HDCF-4038-CC	3/8"	Purple	4/0	4/0	
HDCF-4012-CC	1/2"	Purple	4/0	4/0	
HDCF-25014-CC	1/4"	Yellow	250 MCM/262.6 DLO	250 MCM	
HDCF-25038-CC	3/8"	Yellow	250 MCM/262.6 DLO	250 MCM	
HDCF-25012-CC	1/2"	Yellow	250 MCM/262.6 DLO	250 MCM	
HDCF-30038-CC	3/8"	White	300 MCM/313.1 DLO	300 MCM	
HDCF-30012-CC	1/2"	White	300 MCM/313.1 DLO	300 MCM	
HDCF-30058-CC	5/8"	White	300 MCM/313.1 DLO	300 MCM	
HDCF-35038-CC	3/8"	Red	350 MCM/373.7 DLO	350 MCM	
HDCF-35012-CC	1/2"	Red	350 MCM/373.7 DLO	350 MCM	
HDCF-35058-CC	5/8"	Red	350 MCM/373.7 DLO	350 MCM	
HDCF-500516-CC	5/16"	Brown	500 MCM/535.3 DLO	500 MCM	
HDCF-50038-CC	3/8"	Brown	500 MCM/535.3 DLO	500 MCM	
HDCF-50012-CC	1/2"	Brown	500 MCM/535.3 DLO	500 MCM	
HDCF-50058-CC	5/8"	Brown	500 MCM/535.3 DLO	500 MCM	



Single Hole Long Barrel Flex Lug
Part Number
HDCLF-50038-CC



Single Hole Standard Barrel Flex Lug
Part Number
HDCF-4516-CC



Two Hole Flex Lugs

Rated 35KV Applications — Copper Conductors Only

POWER CONNECTORS

- Two-hole tongue style increases contact area and prevents connector rotation

Long Barrel Two Hole Flex Lugs

with window

Part Number	Stud Size	Hole Spacing (On Centers)	Die Code	Arctic Ultraflex Wire AWG	Code Stranded Wire AWG
HDCLF-8102-CC	#10	5/8"	● Red	8	8
HDCLF-8142-CC	1/4"	5/8"	● Red	8	8
HDCLF-8142-TC	1/4"	3/4"	● Red	8	8
HDCLF-8382-TC	3/8"	1"	● Red	8	8
HDCLF-6102-CC	#10	5/8"	● Blue	6	6
HDCLF-6142-TC	1/4"	5/8"	● Blue	6	6
HDCLF-6142-CC	1/4"	3/4"	● Blue	6	6
HDCLF-6142-TC2	1/4"	1"	● Blue	6	6
HDCLF-6382-TC	3/8"	1"	● Blue	6	6
HDCLF-4142-TC	1/4"	5/8"	● Gray	4	4
HDCLF-4142-CC	1/4"	3/4"	● Gray	4	4
HDCLF-4382-CC	3/8"	1"	● Gray	4	4
HDCLF-2142-TC	1/4"	5/8"	● Brown	2	2
HDCLF-2142-CC	1/4"	3/4"	● Brown	2	2
HDCLF-2382-TC	3/8"	1"	● Brown	2	2
HDCLF-1142-CC	1/4"	5/8"	● Green	1	1
HDCLF-1142-TC	1/4"	3/4"	● Green	1	1
HDCLF-1382-CC	3/8"	1"	● Green	1	1
HDCLF-10142-CC	1/4"	5/8"	● Pink	1/0	1/0
HDCLF-10382-TC	3/8"	1"	● Pink	1/0	1/0
HDCLF-20142-CC	1/4"	5/8"	● Black	2/0	2/0
HDCLF-20142-TC	1/4"	3/4"	● Black	2/0	2/0
HDCLF-20382-TC	3/8"	1"	● Black	2/0	2/0
HDCLF-20122-TC	1/2"	1-3/4"	● Black	2/0	2/0
HDCLF-30382-TC	3/8"	1"	● Orange	2/0	3/0
HDCLF-40142-TC	1/4"	3/4"	● Purple	4/0	4/0
HDCLF-40382-CC	3/8"	1"	● Purple	4/0	4/0
HDCLF-40122-TC	1/2"	1-3/4"	● Purple	4/0	4/0
HDCLF-250382-TC	3/8"	1"	● Yellow	250 MCM/262.6 DLO	250 MCM
HDCLF-250122-TC	1/2"	1-3/4"	● Yellow	250 MCM/262.6 DLO	250 MCM
HDCLF-300382-TC	3/8"	1"	● Red	300 MCM/313.1 DLO	300 MCM
HDCLF-500382-TC	3/8"	1"	● Pink	500 MCM/535.3 DLO	500 MCM



Two Hole Long Barrel Flex Lug
Part Number
HDCLF-40382-CC

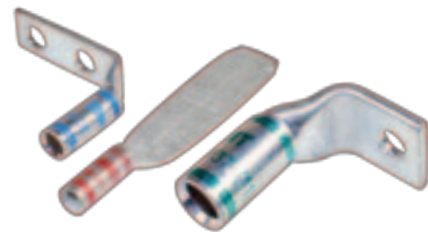


Two Hole Standard Barrel Flex Lug
Part Number
HDCF-2142-CC

Standard Barrel Two Hole Flex Lugs

with window

Part Number	Stud Size	Hole Spacing (On Centers)	Die Code	Arctic Ultraflex Wire AWG	Code Stranded Wire AWG
HDCF-8102-CC	#10	5/8"	● Red	8	8
HDCF-8142-CC	1/4"	5/8"	● Red	8	8
HDCF-8142-TC	1/4"	3/4"	● Red	8	8
HDCF-8142-TC2	1/4"	1"	● Red	8	8
HDCF-6142-CC	1/4"	5/8"	● Blue	6	6
HDCF-6142-TC	1/4"	3/4"	● Blue	6	6
HDCF-65162-CC	5/16"	1"	● Blue	6	6
HDCF-6382-CC	3/8"	1"	● Blue	6	6
HDCF-4142-CC	1/4"	5/8"	● Gray	4	4
HDCF-4142-TC	1/4"	3/4"	● Gray	4	4
HDCF-4142-TC2	1/4"	1"	● Gray	4	4
HDCF-2142-TC2	1/4"	1"	● Brown	2	2
HDCF-1142-TC	1/4"	1"	● Green	1	1
HDCF-40382-TC	3/8"	1"	● Purple	4/0	4/0
HDCF-250382-CC	3/8"	1"	● Yellow	250 MCM	250 MCM
HDCF-350382-CC	3/8"	1"	● Red	350 MCM	350 MCM



Call for additional configurations and non-standard stud sizes

Minimums may apply, lead times may vary

Heat-Seal Terminals and Splices

SOLDERLESS CRIMP CONNECTORS

22 – 8 AWG

22 – 18 AWG

Part Number	Stud Size	Part Number	Stud Size
SA-221-06	#6	SA-226-38	3/8"
SA-221-08	#8	SA-235-06	#6
SA-221-10	#10	SA-235-08	#8
SA-222-14	1/4"	SA-235-10	#10

16 – 14 AWG

Part Number	Stud Size	Part Number	Stud Size
SB-237-06	#6	SB-218-38	3/8"
SB-237-08	#8	SB-227-06	#6
SB-239-10	#10	SB-227-08	#8
SB-225-14	1/4"	SB-227-10	#10
SB-225-56	5/16"	SB-219-10	#10

12 – 10 AWG

Part Number	Stud Size	Part Number	Stud Size
SC-228-06	#6	SC-240-38	3/8"
SC-228-08	#8	SC-201-12	1/2"
SC-228-10	#10	SC-241-06	#6
SC-230-14	1/4"	SC-241-08	#8
SC-230-56	5/16"	SC-241-10	#10

Splices

Part Number	Wire Range
SAA-22-18	22 – 18
SBB-16-14	16 – 14
SC-12-10	12 – 10

Quick Disconnects

Part Number	Wire Range
SAA-2140	22 – 18
SBB-2141	16 – 14
SC-2143	12 – 10

Male Fully Insulated

Part Number	Wire Range
SAA-9260	22 – 18
SBB-9262	16 – 14
SC-9280	12 – 10

Female Fully Insulated

Part Number	Wire Range
SAA-9261	22 – 18
SBB-9263	16 – 14
SC-9281	12 – 10

Step Down Butts

Part Number	Step Size
SBA-631	16 – 14 to 22 – 18
SCB-646	12 – 10 to 16 – 14

Snap Plugs

Part Number	Stud Size	Wire Range
SA-259	.176"	22 – 18
SA-269	.157"	22 – 18
SB-279	.176"	16 – 14
SB-289	.157"	16 – 14

Snap Plug Receptacles

Part Number	Stud Size	Wire Range
SBRA-8156N	.157"	22 – 18
SBRA-8180N	.176"	22 – 18
SBRB-8156N	.157"	16 – 14
SBRB-8180N	.176"	16 – 14

22-10 AWG terminals and splices sold in packages of 100

10 piece bubble packs also available. To order, append -10 to the part number. Example: SA-222-06-10

Call for bulk quantities

Premium Clear Color Heat-Seal Terminals and Splices

Clear Color Heat Seal Terminals and Splices provide a rugged, environmentally-sealed connection for wire sizes 8 to 22 AWG.

Insulates, seals, and protects electrical connections from abuse, abrasion, water, salt, and corrosive compounds.



8 AWG

Part Number Stud Size



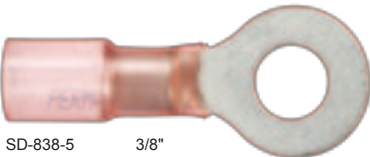
SD-810-5 #10



SD-814-5 1/4"



SD-8516-5 5/16"



SD-838-5 3/8"

8 AWG Splice



Part Number SD-8-5

8 AWG terminals and splices sold in packages of 5

Packages of 100 available

Parts shown approximately actual size

Features

- Heat shrinkable at low temperature
- Shrinks 40% faster than nylon or polyolefin tubing
- Long-lasting, moisture-proof connections
- Withstands water, salt, corrosion, condensation, and heat
- Heat stable. Splices remain supple and impact resistant
- Tough and durable. Resists vibration cuts and abrasions
- Smaller and lighter than most comparable wire splices
- Provides a reliable, impermeable seal on 1:1, 2:1, or 2:2 splices
- Easy to install using standard tools

Product Characteristics

Properly installed, heat seal splices and terminals exceed all pertinent UL, CSA, and MIL Specification requirements. Typical properties of the installed splice and for the shrink tubing alone are shown below.

Typical Properties of Installed Connectors

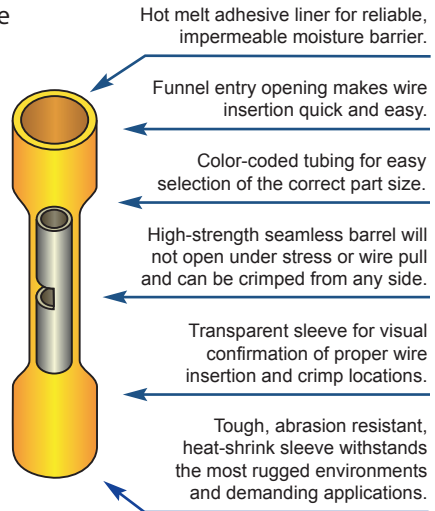
Temperature rating	-55°C to 125°C
Dielectric strength	7.5kv
Voltage drop	Less than equal length of wire
Insulation resistance	106 Megohms
Shrink temperature	90°C
Tensile (pull test) value	Greater than Mil-T-7928 and UL No. 486

Typical Properties of Shrink Tubing

Tensile strength	6000 psi minimum
Ultimate elongation	175%
Longitudinal change	+0-10%
Specific gravity	1.1 maximum
Heat shock (4 hours at 225°C)	No dripping, flowing, or cracking

After Heat Aging 168 Hours at 150°C

Tensile strength	70% of original
Ultimate elongation	100% minimum
Dielectric strength	500volts/mil minimum
Low temperature flexibility (4 hours at -40°C)	No cracking



Applications

- Automotive
- Transportation
- Commercial vehicles
- Marine equipment
- Fountains, pools, spas
- Aerospace
- Defense
- Industrial
- Construction
- Renewable energy



Heat-Seal Terminal Service Kits available
See page 67

Heat-Seal Terminals and Splices

SOLDERLESS CRIMP CONNECTORS

Premium Clear Heat Seal Shrink Connectors



Take the Guesswork Out of Crimping!

Clear Heat Seal Shrink Connectors are designed to provide optimal visual assurance of proper terminal installation and offer visual inspection of the wire condition over the life of the termination.

- -55°C to 105°C (-67°F to 221°F)
- Rated for 600V



Clear Adhesive Lined Heat Shrink Tubing

- Transparent waterproof insulation allows inspection and visual verification of wire placement and condition
- Crystal clear adhesive ensures a waterproof seal and exceptional optical clarity



Windowed Butt Connectors

- Window allows installer to see that the wire is properly seated and crimped
- Center stop prevents over-insertion
- Seamless barrel ensures superior crimp performance
- Color stripes guide crimp placement and indicate industry standard wire size

45° Ring Terminals

- 45° angled barrel design assures that wire is ideally seated and crimped, and provides for better tubing adherence and seal
- Longer neck allows ring terminals to stack tightly without tubing interference for maximum contact
- Brazed seam barrel for superior crimp performance
- Serrations in crimp barrel provide a strong mechanical grip on the wire
- Color stripe guides crimp placement and indicates industry standard wire size



-55°C TO 105°C





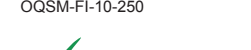
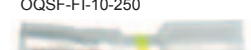
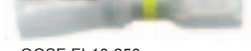
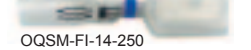
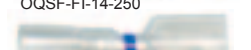
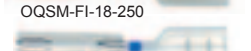
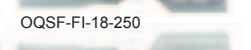
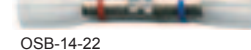
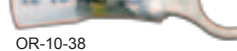
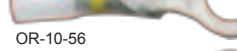
Butts, Rings, Spades, and Quick Slides

22 – 8 AWG

SOLDERLESS CRIMP CONNECTORS

Butt Connectors – Window with Wire Stop, Seamless Barrel

Part Number	Wire Gauge	Stripe
OB-22-18	22-18 AWG	Red
OB-16-14	16-14 AWG	Blue
OB-12-10	12-10 AWG	Yellow



Step-Down Connectors – Window with Wire Stop, Seamless Barrel

Part Number	Wire Gauge	Stripe
OSB-18-24	22-18 AWG to 24-22 AWG	White / Red
OSB-14-22	16-14 AWG to 22-18 AWG	Red / Blue
OSB-10-16	12-10 AWG to 16-14 AWG	Blue / Yellow
OSB-8-12	8 AWG to 12-10 AWG	Yellow / Red

Ring Terminals – Long Neck, Brazed Seam

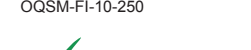
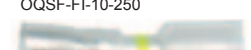
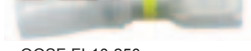
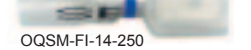
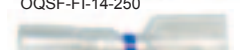
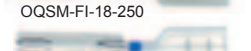
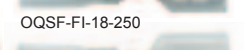
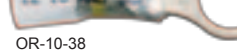
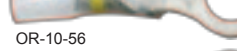
Part Number	Wire Gauge	Stripe	Stud Size	Thickness
OR-18-06	22-18 AWG	Red	#6	.032" (.80mm)
OR-18-08	22-18 AWG	Red	#8	.032" (.80mm)
OR-18-10	22-18 AWG	Red	#10	.032" (.80mm)
OR-14-06	16-14 AWG	Blue	#6	.032" (.80mm)
OR-14-08	16-14 AWG	Blue	#8	.032" (.80mm)
OR-14-10	16-14 AWG	Blue	#10	.032" (.80mm)
OR-14-14	16-14 AWG	Blue	1/4"	.032" (.80mm)
OR-14-56	16-14 AWG	Blue	5/16"	.032" (.80mm)
OR-14-38	16-14 AWG	Blue	3/8"	.032" (.80mm)
OR-10-8	12-10 AWG	Yellow	#8	.040" (1.0mm)
OR-10-10	12-10 AWG	Yellow	#10	.040" (1.0mm)
OR-10-14	12-10 AWG	Yellow	1/4"	.040" (1.0mm)
OR-10-56	12-10 AWG	Yellow	5/16"	.040" (1.0mm)
OR-10-38	12-10 AWG	Yellow	3/8"	.040" (1.0mm)

Spade Terminals – Long Neck, Brazed Seam

Part Number	Wire Gauge	Stripe	Stud Size	Thickness
OS-16-06	22-18 AWG	Red	#6	.032" (.80mm)
OS-16-10	22-18 AWG	Red	#8 to #10	.032" (.80mm)
OS-14-06	16-14 AWG	Blue	#6	.032" (.80mm)
OS-14-10	16-14 AWG	Blue	#8 to #10	.032" (.80mm)
OS-10-10	12-10 AWG	Yellow	#8 to #10	.032" (.80mm)
OS-10-14	12-10 AWG	Yellow	1/4"	.032" (.80mm)

Slide Connectors – Long Neck, Butted Seam, Grip

Part Number	Wire Gauge	Stripe	Gender	Tab Size	Thickness
OQSF-FI-18-250	22-18 AWG	Red	Female	.250"	.032" (.80mm)
OQSM-FI-18-250	22-18 AWG	Red	Male	.250"	.032" (.80mm)
OQSF-FI-14-250	16-14 AWG	Blue	Female	.250"	.032" (.80mm)
OQSM-FI-14-250	16-14 AWG	Blue	Male	.250"	.032" (.80mm)
OQSF-FI-10-250	12-10 AWG	Yellow	Female	.250"	.032" (.80mm)
OQSM-FI-10-250	12-10 AWG	Yellow	Male	.250"	.032" (.80mm)



Crimp and Solder, Closed End and Inline Heat Seal Butts, Crimp Tools

SOLDERLESS CRIMP CONNECTORS

Crimp and Solder Heat Seal Butts

Connectors sold in packages of 100
For 10 pack, append -10 to part number

The **Multilink™ Heat Shrink Connector's** low temperature solder alloy ring delivers a precise amount of flux and solder to the connection during the heat-shrink process. Protects connection from corrosion, contaminants, and current leakage.

- Seamless connector with inspection window and indicators for crimp and window location
- Wire-stop prevents over insertion
- Pre-measured low-temp solder alloy with flux
- Translucent adhesive-lined polyolefin tubing is color-coded with wire gauge imprint



Standard

Part Number	AWG	Color
HS-CS-22	24 – 22	Clear
HS-CS-18	20 – 18	Red
HS-CS-14	16 – 14	Blue
HS-CS-10	12 – 10	Yellow

Stepdown

Part Number	AWG	Color
HS-SS-20	24 – 18	Red
HS-SS-16	20 – 14	Blue
HS-SS-14	16 – 10	Yellow
HS-SS-10	12 – 8	Red

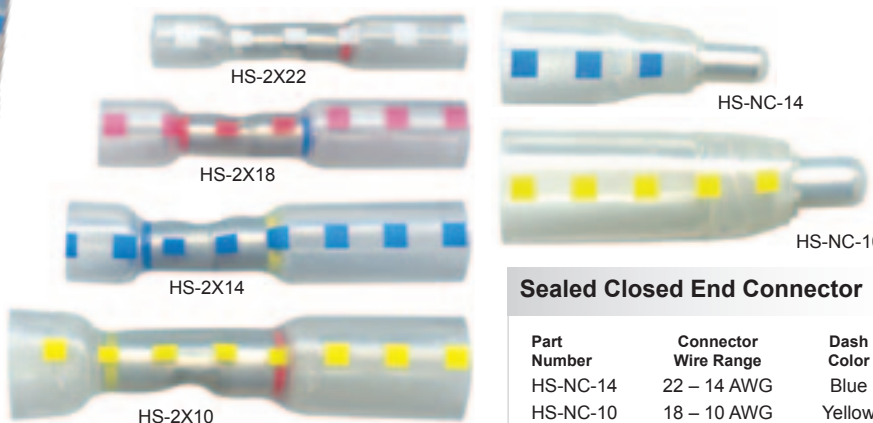
Parts shown approximately actual size

Heat Seal Closed End and Inline Butt Connectors

HydraLink™ Heat Shrink Connectors have an active adhesive that seals and secures multiple wires, eliminating pull out. The **Closed End Connector** accepts up to four wires and is an excellent wire nut replacement. Closed ends can replace spring connectors in environments where corrosion is a problem. The **In-Line Butt Connector** splices multiple wires, shrinking and sealing for superior durability and protection. Color dashes indicate wire gauge.

HS-NC-14 Connector Capacity

22 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
22 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
20 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
20 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
18 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
18 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
16 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
16 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
14 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
14 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
12 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
12 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
10 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
10 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	



HS-NC-10 Connector Capacity

18 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
18 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
16 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
16 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
14 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
14 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
12 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
12 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
10 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
10 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22

Sealed Closed End Connector

Part Number	Connector Wire Range	Dash Color
HS-NC-14	22 – 14 AWG	Blue
HS-NC-10	18 – 10 AWG	Yellow

A dot at an intersection shows that the connector accepts the size, type, and quantity combination indicated. Example: An HS-NC-10 connector will take one 12 AWG and three 18 AWG stranded wires

Sealed In-Line Butt Connector

Part Number	AWG	Dash	Stripe	SMALL END			LARGE END		
				Accepts	Use Insulated Crimp Die	Stripe	Accepts	Use Insulated Crimp Die	
HS-2X22	24 – 22	White	White	One 24 – 22 AWG	White (24 – 22 AWG)	Red	Two 24 – 22 AWG	Red (20 – 18 AWG)	
HS-2X18	20 – 18	Red	Red	One 20 – 18 AWG	Red (20 – 18 AWG)	Blue	Two 20 – 18 AWG	Blue (16 – 14 AWG)	
HS-2X14	16 – 14	Blue	Blue	One 16 – 14 AWG	Blue (16 – 14 AWG)	Yellow	Two 16 – 14 AWG	Yellow (12 – 10 AWG)	
HS-2X10	12 – 10	Yellow	Yellow	One 12 – 10 AWG	Yellow (12 – 10 AWG)	Red	Two 12 – 10 AWG	Red (8 AWG)	

EK50ML Micro Crimping Tool

The battery powered **EK50ML Micro Crimping Tool** combines the benefits of manual crimping tools with the convenience of battery-powered hydraulic tools. This lightweight tool delivers 3,400 pounds of crimping force and crimps 65 percent faster with 90 percent less hand force compared to ratcheting tools, ideal for high volume, time critical jobs.

The EK50ML crimps 28 – 4 AWG wire using a patented trigger which holds the work in the jaws of the tool before crimping. Powered by a compact 10.8V Lithium-Ion battery, the EK50ML Micro Crimping Tool can perform 250 crimps to 10 AWG wire on a single charge. The tool monitors amp draw for each crimp and provides a visual alert if a crimp does not complete a full cycle.

- Includes 2 die sets to crimp 22-10 AWG heat shrink terminals and nylon insulated terminals; other die sets sold separately
- Crimps three times faster with 90% less force using one finger
- Reduces hand force from 53 pounds to 6 pounds
- 65% faster crimping than ratcheting tools (1.2 vs 3.5 seconds)
- When crimping is complete, simply release the trigger to open the jaws for the next crimp
- Overmolded tacky grip for maximum comfort and security
- Multifunction LED for maintenance display and data transfer via optional interface and USB adapter
- LED work light for use in dark areas
- LED battery level indicator monitors charge
- Weighs just 2.2 lbs with battery
- 12mm Jaw



Crimps 22-10 AWG heat shrink terminals



Crimps 22-10 AWG nylon insulated terminals



Part Number EK50ML

Includes micro crimper, 10.8V Li-ion battery, charger, two die sets, and case

Many more dies available — Contact us!

Molex® ServiceGrade™ Ratchet Hand Crimper

Ratchet Hand Crimper crimps heat shrink terminals 22 to 10 AWG (rings, /s, hooks, 3 and 4 ways, and splices).

- Full cycling ensures complete crimps
- Small handle spread is ideal for all users
- Crimp release for operator safety

Part Number RHT-5770



IlSCO® Compound Action Crimper

Compound Action Controlled Crimper is specifically designed for heat shrink style terminals. Elliptical nest for crimping insulated terminals.

- Wire range 22 to 10 AWG
- Weight: 12.4 oz. Length: 9 1/8"






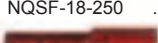
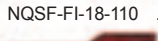
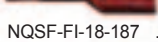
Part Number 94130






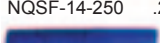
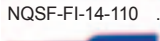

Nylon Insulated Quick Disconnects, Flags, Snap Plugs

SOLDERLESS CRIMP CONNECTORS

Female 22 – 18 AWG


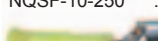
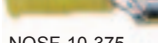
Part Number	Tab Size
 NQSF-18-110	.110" x .020"
 NQSF-18-187	.187" x .020"
 NQSF-18-250	.250" x .032"
 NQSF-FI-18-110	.110" x .020"
 NQSF-FI-18-187	.187" x .020"
 NQSF-FI-18-250	.250" x .032"

Female 16 – 14 AWG


Part Number	Tab Size
 NQSF-14-110	.110" x .020"
 NQSF-14-187	.187" x .020"
 NQSF-14-250	.250" x .032"
 NQSF-FI-14-110	.110" x .020"
 NQSF-FI-14-187	.187" x .020"
 NQSF-FI-14-250	.250" x .032"

Our complete line of Male, Female, and Piggy-Back **Quick Disconnects, Flag Disconnects, and Snap Plugs** are fully insulated and precision engineered. The female terminal precisely fits into the corresponding male housing, resulting in a fully insulated in-line splice that may be connected and disconnected without damage.


Female 12 – 10 AWG

Part Number	Tab Size
 NQSF-10-250	.250" x .032"
 NQSF-10-375	.375" x .032"
 NQSF-FI-10-250	.250" x .032"



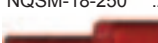
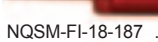
Male 12 – 10 AWG

Part Number	Tab Size
 NQSM-10-250	.250" x .032"

Piggyback 12 – 10 AWG

Part Number	Tab Size
 NST-FI-10-250	.250" x .032"






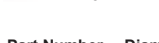


Male 22 – 18 AWG

Part Number	Tab Size
 NQSM-18-187	.187" x .020"
 NQSM-18-250	.250" x .032"
 NQSM-FI-18-187	.187" x .020"
 NQSM-FI-18-250	.250" x .032"


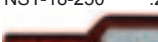
Male 16 – 14 AWG

Part Number	Tab Size
 NQSM-14-187	.187" x .020"
 NQSM-14-250	.250" x .032"
 NQSM-FI-14-187	.187" x .020"
 NQSM-FI-14-250	.250" x .032"


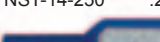
Snap Plugs and Receptacles

Part Number	Diameter	Wire Range	Part Number	Diameter	Wire Range
 NM-18-157	.157"	22 – 18	 NM-14-157	.157"	16 – 14
 NM-18-176	.176"	22 – 18	 NM-14-176	.176"	16 – 14
Part Number	Diameter	Wire Range	Part Number	Diameter	Wire Range
 NF-18-157	.157"	22 – 18	 NF-14-157	.157"	16 – 14
 NF-18-176	.176"	22 – 18	 NF-14-176	.176"	16 – 14

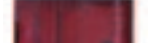


Piggyback 22 – 18 AWG

Part Number	Tab Size
 NST-18-250	.250" x .032"
 NST-FI-18-250	.250" x .032"

Piggyback 16 – 14 AWG

Part Number	Tab Size
 NST-14-250	.250" x .032"
 NST-FI-14-250	.250" x .032"

Flag Disconnects

			
Part Number	FLAG-18-N	FLAG-14-N	FLAG-10-N
Tab Size	.250" x .032"	.250" x .032"	.250" x .032"
Wire Range	22 – 18	16 – 14	12 – 10

Parts shown approximately actual size



Nylon Insulated Quick Disconnects, Flags, Snap Plugs

SOLDERLESS CRIMP CONNECTORS

Female 22 – 18 AWG

Part Number	Tab Size
NQSF-18-110	.110 x .020
NQSF-18-187	.187 x .020
NQSF-18-250	.250 x .032
NQSF-FI-18-110	.110 x .020
NQSF-FI-18-187	.187 x .020
NQSF-FI-18-250	.250 x .032

Female 16 – 14 AWG

Part Number	Tab Size
NQSF-14-110	.110 x .020
NQSF-14-187	.187 x .020
NQSF-14-250	.250 x .032
NQSF-FI-14-110	.110 x .020
NQSF-FI-14-187	.187 x .020
NQSF-FI-14-250	.250 x .032

Our complete line of Male, Female, and Piggy-Back **Quick Disconnects, Flag Disconnects, and Snap Plugs** are fully insulated and precision engineered. The female terminal precisely fits into the corresponding male housing, resulting in a fully insulated in-line splice that may be connected and disconnected without damage.

Female 12 – 10 AWG

Part Number	Tab Size
NQSF-10-250	.250 x .032
NQSF-10-375	.375 x .032
NQSF-FI-10-250	.250 x .032

Male 12 – 10 AWG

Part Number	Tab Size
NQSM-10-250	.250 x .032

Piggyback 12 – 10 AWG

Part Number	Tab Size
NST-FI-10-250	.250 x .032

Male 22 – 18 AWG

Part Number	Tab Size
NQSM-18-187	.187 x .020
NQSM-18-250	.250 x .032
NQSM-FI-18-187	.187 x .020
NQSM-FI-18-250	.250 x .032

Male 16 – 14 AWG

Part Number	Tab Size
NQSM-14-187	.187 x .020
NQSM-14-250	.250 x .032
NQSM-FI-14-187	.187 x .020
NQSM-FI-14-250	.250 x .032

Snap Plugs and Receptacles

Part Number	Diameter	Wire Range	Part Number	Diameter	Wire Range
NM-18-157	.157	22 – 18	NM-14-157	.157	16 – 14
NM-18-176	.176	22 – 18	NM-14-176	.176	16 – 14
Part Number	Diameter	Wire Range	Part Number	Diameter	Wire Range
NF-18-157	.157	22 – 18	NF-14-157	.157	16 – 14
NF-18-176	.176	22 – 18	NF-14-176	.176	16 – 14

Piggyback 22 – 18 AWG

Part Number	Tab Size
NST-18-250	.250 x .032
NST-FI-18-250	.250 x .032

Piggyback 16 – 14 AWG

Part Number	Tab Size
NST-14-250	.250 x .032
NST-FI-14-250	.250 x .032

Flag Disconnects

Part Number	FLAG-18-N	FLAG-14-N	FLAG-10-N
Tab Size	.250 x .032	.250 x .032	.250 x .032
Wire Range	22 – 18	16 – 14	12 – 10

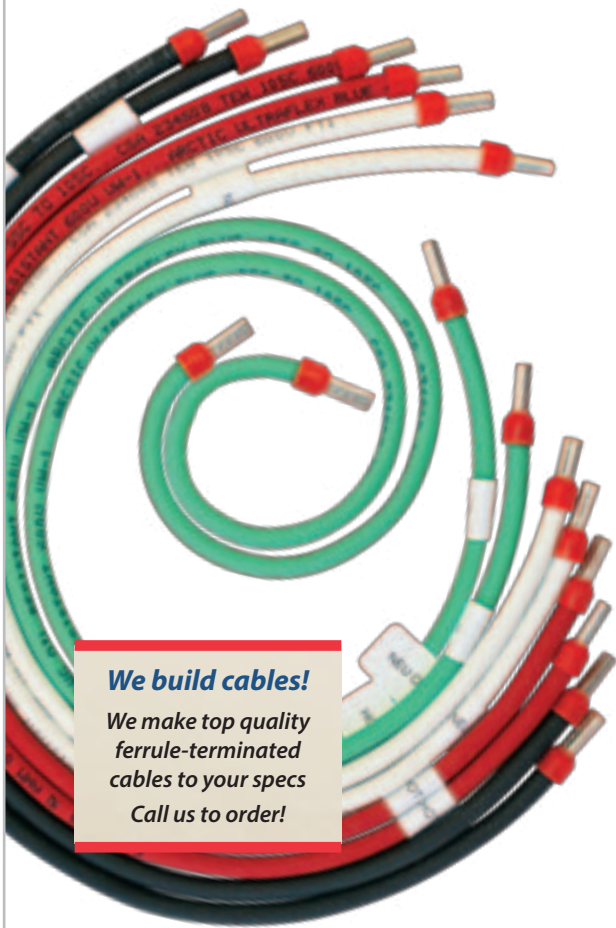
Parts shown approximately actual size

Plated Copper Ferrules Weather Pack Locking Connectors

SOLDERLESS CRIMP CONNECTORS

Tin Plated Copper Ferrules

Ferrules stabilize stripped conductor ends, allowing wires to be repeatedly connected and disconnected without damage to the individual stranding. Insulated ferrules are color coded for wire and size identification.



We build cables!

We make top quality ferrule-terminated cables to your specs

Call us to order!

Ferrule Crimp Tools

Part Number
300-149

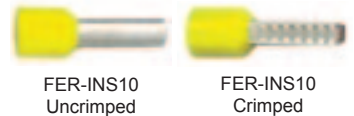
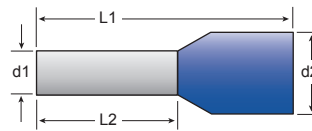
Part Number
CT-1003



Insulated Wire Ferrules

Sold in bags of 100

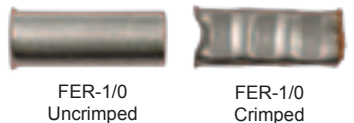
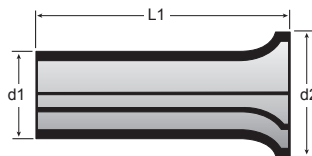
Part Number	AWG	mm2	Color	d1	d2	L1	L2
FER-20INS	20	0.75	white	1.2	2.8	14	8
FER-18INS	18	1.0	red	1.4	3.0	14	8
FER-16INS	16	1.5	black	1.7	3.5	14	8
FER-14INS	14	2.5	blue	2.2	4.2	15	8
FER-12INS	12	4.0	gray	2.8	4.8	18	10
FER-10INS	10	6.0	yellow	3.5	6.3	20	12
FER-8INS	8	10.0	red	4.5	7.6	22	12
FER-6INS	6	16.0	blue	5.8	8.8	22	12
FER-2INS	2	35.0	beige	8.3	12.4	30	16



Uninsulated Wire Ferrules

Sold individually

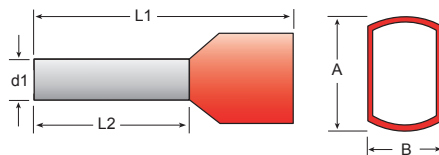
Part Number	AWG	mm2	d1	d2	L1
FER-8	8	10.0	4.5	5.8	12
FER-6	6	16.0	5.8	7.5	12
FER-4	4	25.0	7.3	9.5	15
FER-2	2	35.0	8.3	11.0	18
FER-1/0	1/0	50.0	10.3	13.0	32
FER-2/0	2/0	70.0	12.5	15.0	32
FER-3/0	3/0	95.0	14.5	17.0	32
FER-4/0	4/0	120.0	17.2	19.0	32
FER-250	250 MCM	150.0	19.5	21.0	32
FER-500	500 MCM	240.0	23.0	25.0	40



Twin Wire Ferrules

Sold in bags of 100

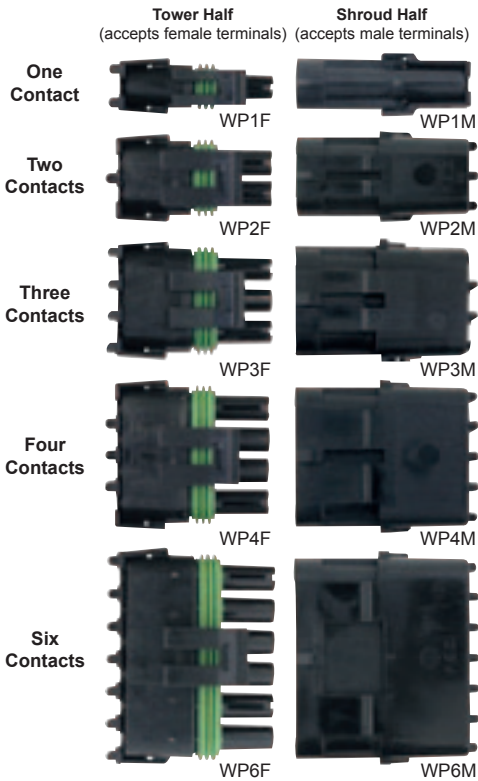
Part Number	AWG	mm2	Color	d1	A/B	L1	L2
FER-22TWIN	2x22	0.5	white	1.4	5.0/3.0	15	8
FER-20TWIN	2x20	0.75	gray	1.7	5.5/3.0	15	8
FER-18TWIN	2x18	1.0	red	2.0	5.8/3.2	15	8
FER-16TWIN	2x16	1.5	black	2.2	6.5-3.6	16	8
FER-14TWIN	2x14	2.5	blue	2.8	8.0/4.5	19	10
FER-12TWIN	2x12	4.0	gray	3.5	9.0/5.2	22	12
FER-10TWIN	2x10	6.0	yellow	4.5	11.4/6.2	23	12
FER-6TWIN	2x6	16.0	blue	8.3	17.2/9.5	29	16



Call for more ferrule sizes and styles

Ferrules Service Kits available — page 68

Weather Pack Locking Connectors



Weather Pack Locking Connectors seal out moisture and dirt. These one to six contact nylon connectors are rated -40°C to 125°C (-40°F to 257°F), up to 16 volts DC and 20 amps. Hinge lock assembly. Self-lubricating silicone body seal reduces engagement force. Silicone cable seals must be used with the tinned brass terminals, cavity plugs fill unused pin locations. Terminals and seals sold in quantities of 100.

Cable Seals and Plugs

Part Number	AWG
WP2224S	22-24
WP2018S	20-18
WP1614S	16-14
WP12S	12
WP-PLUG	

Male Terminals

Use with Shroud Half	
Part Number	AWG
WP2224M	22-24
WP2018M	20-18
WP1614M	16-14
WP12M	12

Female Terminals

Use with Tower Half	
Part Number	AWG
WP2224F	22-24
WP2018F	20-18
WP1614F	16-14
WP12F	12



Weather Pack Service Kit
available on page 68



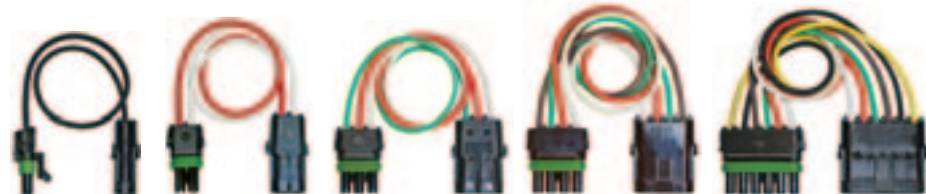
-40°F TO 257°F

Wired Weather Pack Pigtails

Save labor, time and tool costs with **Arctic Ultraflex Blue®** wired **Weather Pack Pigtails**.

Quality Weather Pack connectors are securely crimped and sealed in ready-to-use male-to-female configurations of one to six contacts. 18, 16, 14, and 12 wire gauge. 12" overall length.

Custom lengths available



One Contact		Two Contacts		Three Contacts		Four Contacts		Six Contacts	
Part Number	AWG	Part Number	AWG	Part Number	AWG	Part Number	AWG	Part Number	AWG
WP18-1	18	WP18-2	18	WP18-3	18	WP18-4	18	WP18-6	18
WP16-1	16	WP16-2	16	WP16-3	16	WP16-4	16	WP16-6	16
WP14-1	14	WP14-2	14	WP14-3	14	WP14-4	14	WP14-6	14
WP12-1	12	WP12-2	12	WP12-3	12	WP12-4	12	WP12-6	12

Weather Pack Tools

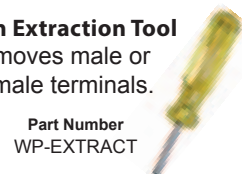
Crimp Tool crimps and seals 20 to 14 gauge terminals in one operation. Ratchet assembly assures a perfect crimp. **Part Number WP402**



Economy Crimp Tool crimps 20 to 12 gauges in two steps, one for terminal and one for seal. **Part Number WP-CRIMP**



Pin Extraction Tool removes male or female terminals. **Part Number WP-EXTRACT**



Blue Sea Systems® Marine Electrical Components

ELECTRICAL COMPONENTS AND CIRCUIT PROTECTION

Battery Switches

Manual Battery Switches

- Tin-plated copper studs for maximum conductivity and corrosion resistance
- Accepts up to 4/0 AWG cables
- Blue Sea Systems one-piece terminal stud design never loosens over time
- Studs accept 3/8" ring terminals
- 7/8" (22mm) stud length accepts multiple cable terminals
- Switches fit most Perko and Guest low amperage battery switch hole patterns
- Tactile indicator conveys knob position by feel
- Waterproof – rated IP66 from water projected in powerful jets
- Alternator Field Disconnect (AFD) available in some models



Part Number 5511E

E Series

- 350 amps continuous rating for inboard gasoline or diesel engines
- Surface, rear, or front panel mounting options



Part Number 6006

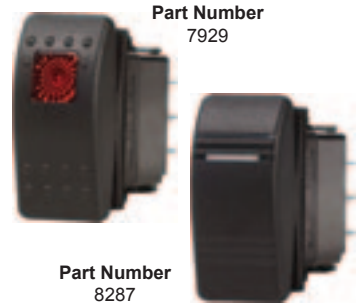
M Series (Mini)

- 300 amps continuous for outboards and small gasoline or diesel engines
- Isolating cover with snap-in side pieces protects rear contacts and allows wire access in any direction

Panel Switches

Contura Switches

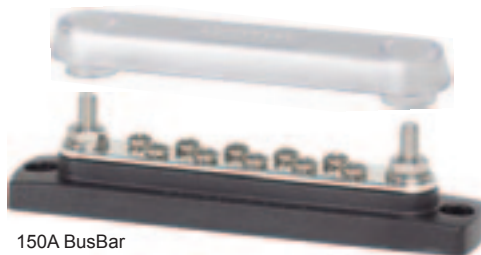
- Vibration, shock, thermoshock, moisture and salt spray resistant
- Mounts in Blue Sea Systems Contura Water Resistant Panels and Contura Switch Mounting Panels



Part Number 7929

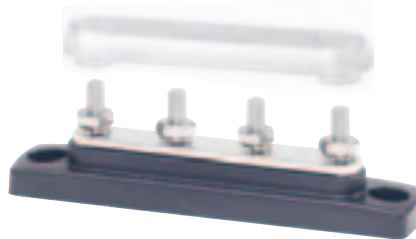
Part Number 8287

Bus Bars and Connectors



150A BusBar
10 Gang
Part Number 2301

Cover for 2301
Part Number 2715



100A MiniBus
4 Gang #10-32 Studs
Part Number 2305

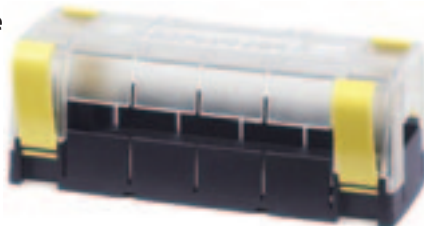
Cover for 2305
Part Number 2713

BusBar and MiniBus Bus Bar

- The industry standard bus bar for positive distribution, and for the collection of negative or AC ground circuits
- Insert-molded stainless steel stud eliminates need for securing nut and allows high torquing for excellent electrical contact.
- MiniBus bus bars are ideal for limited space applications

MaxiBus Enclosure

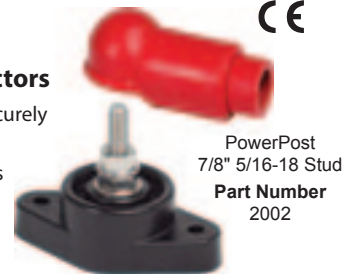
- Secure insulating cover with breakouts for superior electrical insulation
- Meets ABYC insulation requirements
- Accepts bus bars 2127, 2128, and other products



Part Number 2719

PowerPost and Mini PowerPost Connectors

- Connects high amp cables securely
- Glass reinforced nylon base
- Stainless steel stud terminates multiple large conductors
- Insulator cap helps guard against accidental grounding



PowerPost
7/8" 5/16-18 Stud
Part Number 2002



DualBus Plus

- Combines negative and positive buses on one block
- Clear cover snaps on to meet Coast Guard and ABYC insulation requirements

150A 5 Gang 1/4"-20 Studs
Part Number 2722

Terminal Block

- Each screw pair is one isolated circuit
- Jumpers allow creation of common circuits (sold separately)
- Closed back design completely insulates power from the mounting surface

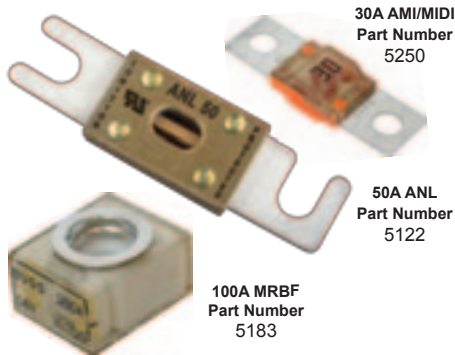


20A 6 Circuit
Terminal Block
Part Number 2408

AC/DC Fuses

AMI / MIDI, ANL, MRBF Fuses

- Paired with the appropriate fuse holder or block, Blue Sea fuses are ideal for marine and automotive AC and DC electrical systems



Circuit Breakers

A Series Toggle Breaker

- Combines switching and circuit protection into a single device
- Trip-free—can't be held closed after trip
- Meets ABYC standards

Push Button Reset Only Quick Connect Breaker

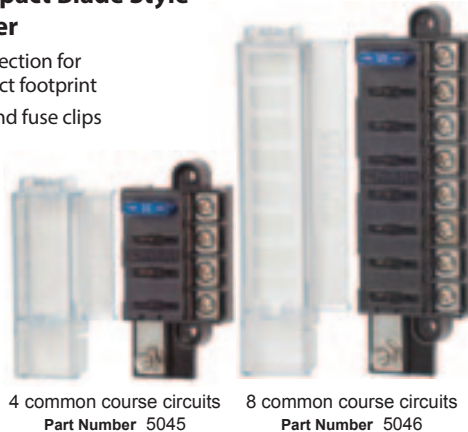
- Branch circuit breakers (can also be used for 24-hour circuit protection)
- Ignition protected—safe for installation on gas powered boats
- Push-to-reset operation, compact size
- Trip-free—can't be held closed after trip



DC Fuse Blocks

Screw Terminal Compact Blade Style Fuse Block with Cover

- Surface mount circuit protection for ATC/ATO Fuses in a compact footprint
- Tin-plated copper buses and fuse clips
- Ignition protected
- Insulating cover satisfies ABYC/USCG requirements
- Single side design allows wire entry from one side to minimize footprint
- Accepts ring or spade type terminals
- Includes write-on circuit labels
- Fuses sold separately



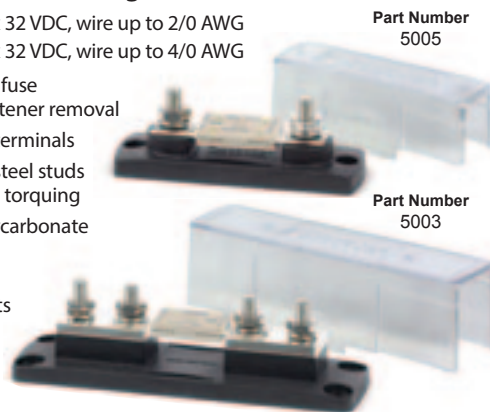
Screw Terminal Blade Style Fuse Block with Cover

- Corrosion resistant, tin plated copper fuse clips reduce heat and improve system efficiency
- 30 amps per circuit; can be used for 24-hour circuits
- Cover satisfies ABYC/USCG insulation requirements
- Cover features easy to open push button latch, label recesses, and storage space for two spare fuses
- Accepts ATC and ATO fast acting blade fuses, and ring or spade type wire terminals
- Includes write-on circuit labels
- Fuses sold separately



ANL Fuse Block with Insulating Cover

- 5005** - 35A to 300A, max 32 VDC, wire up to 2/0 AWG
- 5003** - 35A to 750A, max 32 VDC, wire up to 4/0 AWG
- Swing out design allows fuse replacement without fastener removal
- Accepts 5/16" (M8) ring terminals
- Insert-molded stainless steel studs resist corrosion and high torquing
- UL 94-V0 reinforced polycarbonate base resists high heat
- Insulating cover satisfies ABYC/USCG requirements
- Cover breakouts for wire access in any direction
- Fuses sold separately



ST-Blade Water-Resistant Fuse Block and Cover

- Compact water-resistant circuit protection for ATO/ATC fast acting blade fuses and low profile circuit breakers
- Accepts one 8 AWG to 4 AWG input wire and up to four 16 AWG to 10 AWG load wires; includes 3 plugs to maintain water resistance if less than 4 loads are required
- 80A per block, 25A per circuit, up to 32V DC
- Accepts standard ring or spade type terminals
- Tin-plated copper busses and fuse clips
- Meets ABYC/USCG insulation requirements
- Includes four write-on circuit labels
- Fuses sold separately



See our FULL LINE of Blue Sea components at store.polarwire.com

ELECTRICAL COMPONENTS AND CIRCUIT PROTECTION

Electrical Switches and Connectors Fuses and Fuse Holders

ELECTRICAL COMPONENTS AND CIRCUIT PROTECTION

Rocker, Toggle, Push-Pull and Rotary Switches
Momentary Switches
Ignition, Wiper, and Headlamp Switches
Knobs and Accessories
Battery-Related Products
Solenoids and Relays
Electrical Connectors
Warning Devices, Pilot Lights, Lamps and Sockets



PVC-Coated SPST Normally Off Push Button Switch
Part Number M-608

PVC-Coated SPST Push-Pull Switch
Part Number M-606

PVC-Coated SPST On-Off Toggle Switch
Part Number 5582-10



On-Off-On DPDT Rocker Switch
Part Number 58027-11

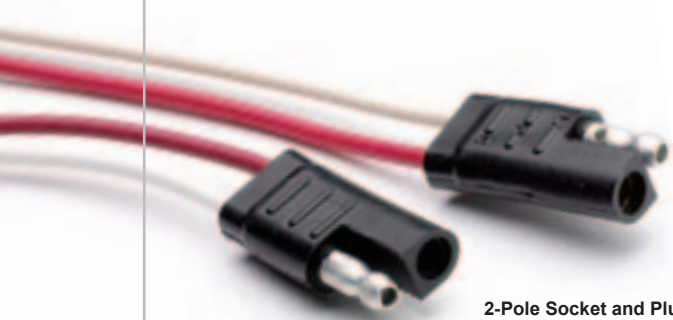


12V Grounded Intermittent Duty SPST Solenoid
Part Number 24117

40A 12V Form C SPDT Relay
Part Number RC-400112-NN



Master Disconnect Switch
Part Number 75920



2-Pole Socket and Plug
Part Number 11172

LED Pilot Light with Red Lens
Part Number PL-612-R



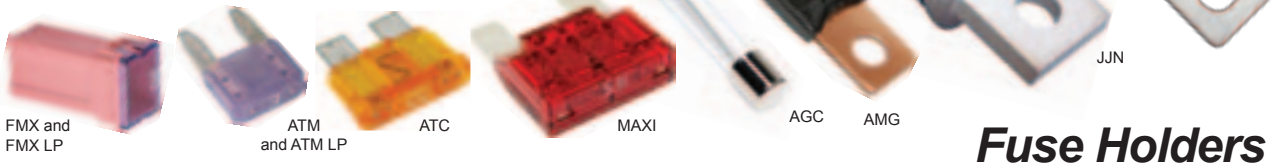
More Cole Hersee electrical components available online at store.polarwire.com



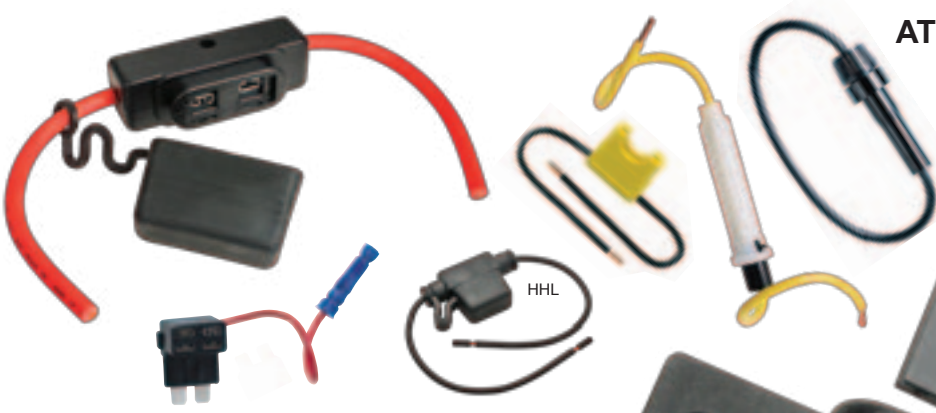
More fuse and fuseholder styles and sizes available online! Look for ABC, MDA, FRS-R, KLM, KTK and other Bussmann® fuses at store.polarwire.com

Fuses

Glass Tube and Blade Style Fuses
Stud Mount Fuses and Voltage Limiters
Cartridge Fuses and Fusible Links
Class T Fuses



Fuse Holders



ATC, ATM and Maxi Blade Style Fuse Holders

Glass Tube Style Fuse Holders with Wire Loops and Leads

Arctic Ultraflex Blue® ATC Blade Style Fuse Holders

Waterproof fuse holder accommodates ATC blade style fuses up to 40 amps. **Arctic Ultraflex Blue®** premium wire leads remain flexible in extreme cold.

Black Fuse Holder with 26" Red 12 Ga Arctic Ultraflex Blue® Lead Loop
Part Number WH12RED

Black Fuse Holder with 14" Yellow 12 Ga Arctic Ultraflex Blue® Leads
Part Number WH12YEL

**Outstanding Flexibility
and Proven Performance
in Extreme Cold**



Customize the wire color and length of Polar Wire ATC blade style **Arctic Ultraflex Blue®** fuse holders. Order any quantity!

ELECTRICAL COMPONENTS AND CIRCUIT PROTECTION

This section under revision

High Amp Thermal Circuit Breakers, Disconnect/Breakers

Mechanical Products Hi-Amp Ignition Protected Thermal Circuit Breakers are made in the USA and designed to be robust in harsh environments. For industrial and commercial marine, agriculture, construction, recreational, chassis, and specialized equipment applications. 3/8" -16 Stud Terminals. SAE, ABCY, and RoHS Compliant.

Series 171 Type I Surface Mount

- Auto Reset
- 300A, 14VDC
- IP67 Waterproof

Series 175 Type III Surface Mount

- Manual Push to Trip Reset
- 25A to 225A, to 48VDC
- IP67 Waterproof

Series 875 Type III Switchable Panel Mount

- Single Pole Manual Reset with On-Off function
- 25A to 250A, 48VDC
- IP66 Weatherproof



Part Number
CB171-300

Part Number
CB175-110

Part Number
CB875-50

Mechanical Products Ignition Protected Branch Disconnect/ Circuit Breakers incorporate traditional battery disconnect switching (non-engine) and circuit protection into a single rotary switch, eliminating the need for a separate battery switch and circuit breaker/fuse. 1/4" -28 Stud Terminals. SAE and ABCY Compliant. Made in the USA.

- Series 53 Branch Disconnect/ Circuit Breaker**
- 10A to 70A, 32VDC
 - IP66 and IP67
 - Weatherproof



-40°C TO 85°C

Part Number
CB875-50





This section under revision

CorrosionX®

Polar Wire Products is an authorized distributor for Corrosion Technologies.
For the complete line of CorrosionX® products, visit www.corrosionx.com

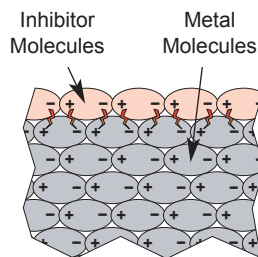


16 oz. Trigger Spray 91002
16 oz. Aerosol 90102
6 oz. Aerosol 90101
Gallon 94004

CorrosionX® stops and prevents corrosion and rust. A light spray on power heads, generator sets and engines two or three times a year keeps them looking like new—even in saltwater conditions. CorrosionX® lubricates under heavy loads and high temperatures, and penetrates quickly. Corroded or rusted nuts, bolts or fittings can usually be removed within a few minutes. CorrosionX® is nontoxic, non-carcinogenic, and nonflammable when not in aerosol form. The aerosol propellant is flammable.

Polar Bonding

CorrosionX® has the unique ability to “polar bond” to metal, like a magnet. This helps CorrosionX® creep through microscopic voids and over surface irregularities to penetrate between seized surfaces, where it softens rust and corrosion deposits to free up frozen parts. CorrosionX® not only stops rust and corrosion, it provides exceptional, long-lasting lubrication, better than even Teflon-fortified products.



The bearing on the left was treated with CorrosionX; the one on the right was left untreated. Both were sprayed with seawater every day for two weeks. Note the remarkable difference.

CorrosionX® Heavy Duty forms a dripless, non-hardening, self-healing film that stubbornly resists removal by splash or spray—even full saltwater immersion. It penetrates rust and corrosion, removes moisture, stops electrolysis, then seals.

12 oz. Aerosol 90104
Gallon 96004
5-Gallon 96005

CorrosionX® Aviation, a product of aerospace research and development, is a special blend of inhibitors, lubricants and surface-active agents. Stops and prevents rust and corrosion. Lubricates better than Teflon® products. Penetrates and loosens frozen parts faster than other products designed for that purpose.

16 oz. Trigger Spray 80103
16 oz. Aerosol 80102
Gallon 84004

ReJeX® advanced polymer treatment seals painted surfaces, metal, gel coat, glass and acrylic against bugs, bird droppings, exhaust stains, oil, grease, tar, and other grime. ReJeX® forms a long-lasting barrier that protects vehicle finishes and provides a lustrous shine.

12 oz. 61001
16 oz. 61002
Gallon 61004

MaxWax® is a tough, synthetic wax-based, resilient corrosion inhibitor barrier coating that provides long-term protection for metal surfaces. It forms a smooth, even coating and penetrates to stop rust and corrosion. Will not harden, crack or lose resiliency even in sub-zero temperatures and high heat.

12 oz. 77002

ReeIX® is the perfect lubricant for fishing reels. It keeps reels lubricated and corrosion-free for maximum performance. ReeIX® is used and recommended by prominent reel manufacturers.

1 oz. 77000

CorrosionX® for Guns cuts through stubborn bore deposits for better cleaning, and decreases fouling, even after hundreds of rounds. Lubricates mechanisms and prevents rust, even in wet weather. Ideal for semiautomatics and automatics.

4 oz. 50010



Product Index



Wire and Cable

Arctic Ultraflex Blue Single Conductor	2-7
Arctic Superflex Blue Double Conductor	18-19
Arctic Ultraflex Blue Power Cord	8-9
Arctic Ultraflex Blue Trailer Cable	14-15
Boat Cable	12-13, 16
Fine Strand Battery Cable	16-17
Flexible Building Wire	16-17
Flexible Welding Cable	16-17
Multipurpose Flexible Wire THHW	16-17
Wire Stranding Comparison Chart	7

Cables and Cords

Battery Cables	36-37
Custom Cables	38-41
Extension Cords	10-11
Eye-to-Eye Cables	36
Golf Cart Cables	36
Jumper Cables and Harness Systems	20-33
Jumper Cable Clamps and Accessories	34

Battery Cable Components

Anti-Rotational Terminals and Splices	52
Battery Terminal Covers (Boots)	58, 69
Battery Terminal Stud Nuts	53
Side Mount Battery Terminals and Splices	53
Top Mount Battery Terminals and Splices	54-57

Cable Ties

Black UV Nylon Cable Ties	60-61, 71
Natural Nylon Cable Ties	62-63, 71

Circuit Protection

Branch Disconnect/Circuit Breakers	94
Circuit Breakers	69, 91, 93-94
Fuses	91, 93
Fuse Blocks	91
Fuse Holders	93

Compression Lugs

Heavy Duty Compression Lugs and Splices	76-79
Plated Eyelet Lugs and Splices	46-49, 69
Power Lugs and Splices	50-53

Corrosion Protection

Corrosion Inhibitors, Penetrants, Lubricants	96
Gun Cleaner and Lubricant	96
Reel Lubricant	96

Electrical Components

Blue Sea Systems – Marine Electrical	90-91
Cole Hersee – Switches and Connectors	92
Bus Bars	90
Relays and Solenoids	92
Switches	90, 92

Heat Shrink

Heat Shrink Service Kits	70
Heat Shrink Butane Torch	45
Heat Shrink Tubing, Pre-Cut Tubing	42-45, 70
Heat Shrink Tubing Variety Packs	45

Power Connectors

150 Amp Camlock Connectors	75
400 Amp Camlock Connectors	74
400 to 150 Amp Cam Reducers	75
SY® Power Connectors and Covers	68, 72-73

Service Kits

Battery Terminal and Battery Boot Kits	69
Cable Tie, Cable Clamp, and Grommet Kits	71
Ferrules Kit	69
Heat Seal Connector Kits	67
Heat Shrink Kits	70
Locking Connector Kits	68
Nylon-Insulated Terminal Kits	66
PowerPoles and Power Connector Kits	68
Solder Kit	68

Solderless Crimp Connectors

Butt Connectors	84
Closed End Connectors	84
Deutsch Locking Connector Kit	68
Ferrules	69, 88
Flag Disconnect Terminals	87
Heat Shrink Connectors	67, 80-84
In-Line Heat Shrink Butt Connectors	84
Locking Connectors	68, 89
Metri Pack Locking Connector Kit	68
Nylon Insulated Terminals, Splices	66, 86-87
Heat Seal Butt Connectors	67, 80-84
Heat Seal Quick Disconnects	67, 80-84
Heat Seal Snap Plugs	80
Heat Seal Terminals and Splices	67, 80-84
Quick Disconnect Terminals	66-67, 80, 83, 87
Ring Terminals	66-67, 82-83, 86
Snap Plugs and Receptacles	66, 87
Spade Terminals	80, 83, 86
Weather Pack Locking Connectors, Pigtailed	68, 89

Tools

Crimping Tools	47-48, 56, 76-81
Ferrule Crimpers	88
Heat Shrink Butane Torch	45
Heat Shrink Connector Crimping Tools	85
Weather Pack Crimpers, Pin Extraction Tool	89
Wire Cutting, Stripping and Slitting Tools	59

Wire Management

Cable Clamps	71
Cable Ties	60-63, 71
Electrical Insulating Tape, Color Coding Tape	64-65
Rubber Grommet Kit	71
Silicone Tape, Self-Fusing	65

**Need an item not listed here?
Look for it at store.polarwire.com
or give us a call!**

Polar Wire Products, Inc. offers this catalog and its contents for Polar Wire Products' clients and potential clients. Information in the Polar Wire Products catalog, supplementary publications, or website is provided to simplify the communication of products and services provided by Polar Wire Products, Inc. Any use of such material not in accordance with its intended purpose is prohibited. All information supplied by Polar Wire Products, Inc. is to the best of our knowledge the most correct information available at the time of publication, is presented without warranty of any kind, and is subject to change without notice. Polar Wire Products, Inc. will not be held liable for all faults. Polar Wire Products, Inc. is not responsible for any errors, nor does it guarantee the accuracy or completeness of the information.

Copyright ©2024 Polar Wire Products, Inc. All rights reserved. No portion of the Polar Wire Products catalog or any of its contents, supplementary publications, or website, including but not limited to the design, images, graphics, or text in whole or in part, may be reproduced without prior consent of Polar Wire Products, Inc. Willful violation of copyright law will be prosecuted.

Polar Wire Products, Inc

