Arctic Superflex Blue®

Arctic Superflex Blue® has been tested and used successfully for nearly three decades in the harsh environment of Alaska's Arctic North Slope. Flexibility is achieved by combining finely stranded 100% copper conductors with a jacket resistant to oil and gasoline, acids, chemicals, salt water and sunlight. **Arctic Superflex Blue**® cables are highly abrasion resistant and can be used in most 600 volt applications.

6 AWG



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

2 AWG





1/0 AWG

3/0 AWG

Polar Wire Products, Inc. is the exclusive manufacturer of **Arctic Superflex Blue**®

Polarity stripe extruded into jacket

Double Conductor Wire

Thermoplastic Elastomer Jacket

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

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



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

available

-55°C TO 105°C

- Stays flexible to -55°C
- 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 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.



 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 jacket

 Extruded polarity stripe for safety

PROUDLY BUILT IN THE WITH TOP QUALITY AMERICAN MADE WIRE



POLAR WIRE PRODUCT

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 -67°F to 221°F (-55°C to 105°C)
- 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



-55°C TO 105°C

Arctic Superflex Blue® Jumper Cable Construction



Arctic Superflex Blue® Heavy Equipment Jump Start Cables

Arctic Superflex Blue® Plug to Clamp Jump Start Cables



1/0 Gauge J1283 Plug to Clamp Cables

seals out moisture, dirt and corrosion

Meets or exceeds SAE J1283 Standards

Manufactured exclusively by

Polar Wire Products

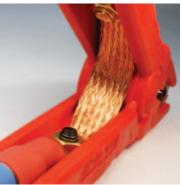
Part NumberConfigurationLengthClampsJSP-1/0-15CPlug to Clamp15'1000AJSP-1/0-30CPlug to Clamp30'1000A

Plug to Clamp and Plug to Plug Jump Start Cables include a durable 13.5" x 3.5" nylon canvas bag with extra wide zippered opening, side pocket, and sturdy webbing handles

strap sends continuous

current to both

jaws for higher amperage



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



AMERICAN MADE

Let us custom build your Jump Start cables!

15'

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!

Plug to Plug

Plug to Plug

JSP-1/0-15P

JSP-1/0-30P

SAE J1283 Jump Start <u>Mechanical Connectors</u>



One of the HIGHEST AMPACITY RATED connectors ON THE PLANET! 500 Amp Continuous, 2000 Amp Intermittent 30 Seconds



SAE J1283 Jump Start Mechanical Receptacle



Fit J1283 Receptacles with **Arctic Ultraflex Blue**®

Eye-to-Eye Cables for superior conductivity and flexibility.

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

Negative – Blue cable, black shrink *Positive* – Blue cable, red shrink

LIFETIME WARRANTY on manufacturing and materials

Call to customize!

1/0 Gauge

Negative					
Part Number	Length				
SC-1/0-12N	12"				
SC-1/0-18N	18"				
SC-1/0-24N	24"				
SC-1/0-36N	36"				
SC-1/0-48N	48"				
SC-1/0-60N	60"				

Positive Part Number Length SC-1/0-12P 12"

SC-1/0-18P 18" SC-1/0-24P 24" SC-1/0-36P 36" SC-1/0-48P 48" SC-1/0-60P 60"

2 Gauge

Negative				
Part Number	Length			
SC-2-12N	12"			
SC-2-18N	18"			
SC-2-24N	24"			
SC-2-36N	36"			
SC-2-48N	48"			
SC-2-60N	60"			

Positive Part Number Length

SC-2-12P 12" SC-2-18P 18" SC-2-24P 24" SC-2-36P 36" SC-2-48P 48" SC-2-60P 60"

4 Gauge

Negative	
Part Number	Length
SC-4-12N	12"
SC-4-18N	18"
SC-4-24N	24"
SC-4-36N	36"
SC-4-48N	48"
SC-4-60N	60"
Positive	

Part Number

SC-4-12P 12" SC-4-18P 18" SC-4-24P 24" SC-4-36P 36" SC-4-48P 48" SC-4-60P 60"

Length







Arctic Superflex Blue® 1/0 Gauge Booster Cables

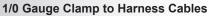
1/0 Gauge Arctic Superflex Blue® Clamp to Clamp Cables



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

Great for Heavy Equipment, Tow Trucks, Fleet Services

- Tough, flexible *Arctic Superflex Blue*oduble conductor wire
- Arctic Ultraflex Blue® leads
- 1000 Amp heavy gauge 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



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.

- Solid copper 1000 amp clamps
- Impact-resistant connectors
- LIFETIME Limited Warranty on materials and manufacturing



1/0 Gauge Harness System Components

Part NumberComponentLengthConnectorClampsJC-1/0-25DDConnector Cable25'350A-JC-1/0-2DCClamp Adaptor2'350A1000AJC-1/0-4DHarness4'350A-

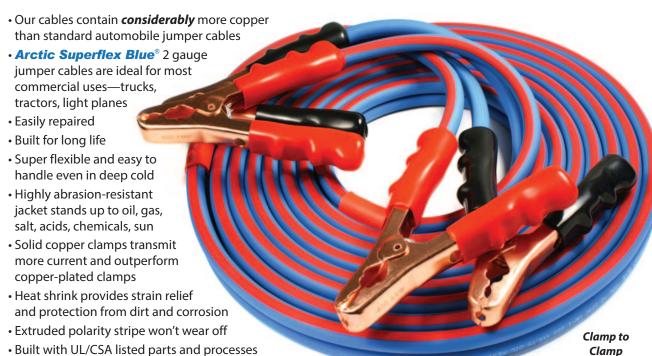
Arctic Superflex Blue® 2 Gauge Booster Cables

2 Gauge Arctic Superflex Blue® Clamp to Clamp Cables

Powerful — Durable — Reliable — Cost Effective

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

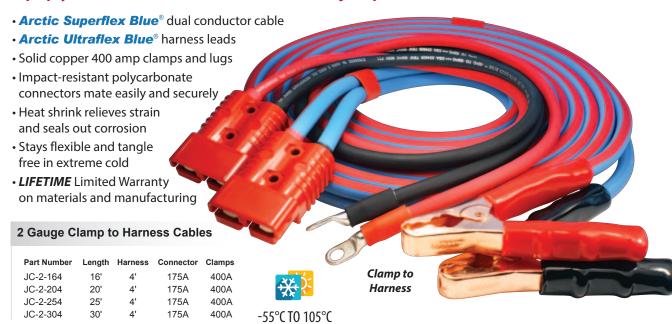




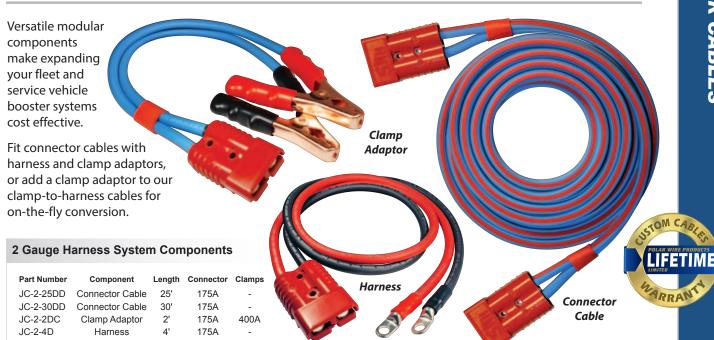


2 Gauge Arctic Superflex Blue® Clamp to Harness Cables

Equip your service trucks with the finest jumper cables available ANYWHERE!



2 Gauge Arctic Superflex Blue® Harness Components



Arctic Superflex Blue® 4 Gauge Booster Cables



4 Gauge Arctic Superflex Blue® Clamp to Clamp Cables



4 Gauge Arctic Superflex Blue® Clamp to Harness Cables



4 Gauge Arctic Superflex Blue® Harness Components

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





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



Clamp

to Clamp

Harness

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

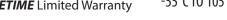
- Fast, reliable starts no wasted time
- 100% copper conductors NO ALUMINUM!
- Full-length insulated heavy gauge copper clamps
- Solid copper clamps and lugs deliver more current
- Unbeatable extreme cold flexibility to -55°C (-67°F)

Durable

- Tough, flexible jacket 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

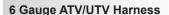


6 Gauge ATV/UTV Clamp to Clamp

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

6 Gauge ATV/UTV Clamp to Harness

Part Number JC-6-102 10' 120A



JC-6-2D 120A



AMERICAN MADE WI



to Harness



8 Gauge Arctic Superflex Blue® ATV/UTV Jumper Cables



8 Gauge ATV/UTV Clamp to Clamp

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

8 Gauge ATV/UTV Clamp to Harness

Part NumberLengthHarnessConnectorClampsJC-8-616'1'50A100A

8 Gauge ATV/UTV Harness

 Part Number
 Harness
 Connector

 JC-8-1D
 1'
 50A

 JC-8-2D
 2'
 50A











Jumper Cable Clamps Accessories and Parts



Replacement Jumper Cable Clamps



Jumper Cable Bags

Store your **Arctic Superflex Blue**® Jumper Cables coiled neatly 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



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 STC904-RED 50 Amp





Cam Lock **Connectors** 400A. 150A

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Plated Copper Lugs 1/2", 3/8", 5/16" Stud 1/0, 2, 4, 6, 8 Gauge

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Power Connectors 350A, 175A, 120A. 50A

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J1283 Connectors Plug, Receptacle Cap, Bracket

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