# **Arctic Superflex Blue®**

**Arctic Superflex Blue**<sup>®</sup> 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**<sup>®</sup> 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

2 0/0/0



1/0 AWG

3/0 AWG

Polar Wire Products is the exclusive manufacturer of

**Arctic Superflex Blue®**Premium Arctic Grade Double Conductor Wire

Polarity stripe extruded into insultation

## **Double Conductor Wire**

### **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)

### **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

**Custom colors** 

and striping available

- 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 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



-55°C TO 105°C

# **Arctic Superflex Blue®** Jumper Cable Construction

(G/A



# Arctic Superflex Blue® Heavy Equipment Jump Start Cables

# Arctic Superflex Blue® Plug to Clamp Jump Start Cables



canvas bag with extra wide zippered opening,

side pocket, and sturdy webbing handles

Plug to Clamp

Plug to Clamp

1000A

1000A

JSP-1/0-15C

JSP-1/0-30C

## 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



## 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!

# SAE J1283 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



# SAE J1283 Jump Start Mechanical Receptacle



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

# 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 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

### 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



## 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

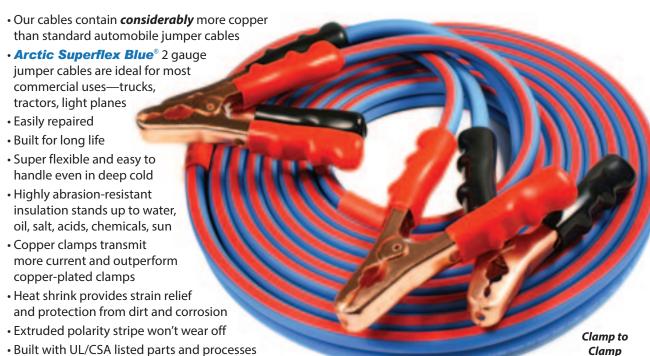
# Arctic Superflex Blue® 2 Gauge Booster Cables

# 2 Gauge Arctic Superflex Blue® Clamp to Clamp Cables

## Powerful — Durable — Reliable — Cost Effective

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



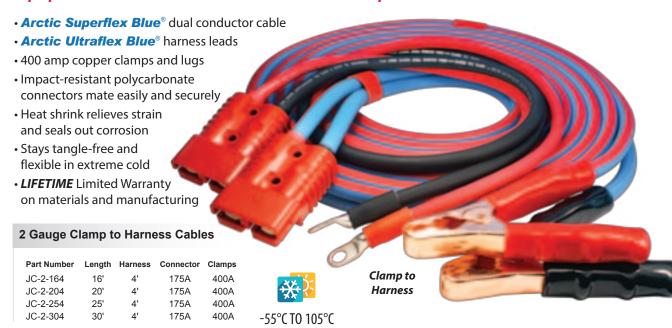




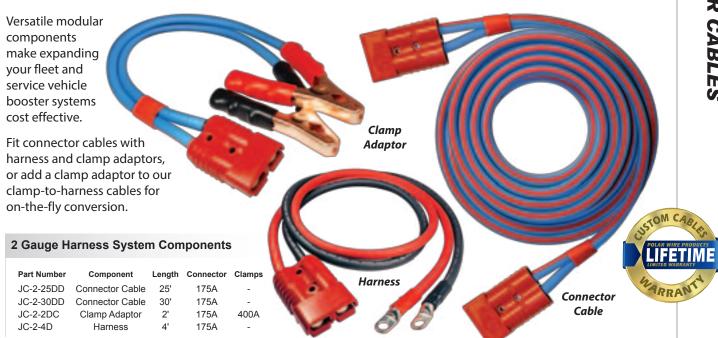
• Exceeds SAE standards

## 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

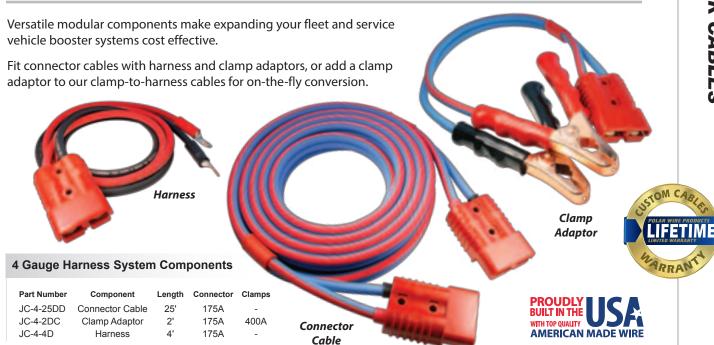




# 4 Gauge Arctic Superflex Blue® Clamp to Harness Cables



# 4 Gauge Arctic Superflex Blue® Harness Components



JC-4-254

175A

400A



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

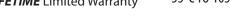
- Fast, reliable starts no wasted time
- 100% copper conductors NO ALUMINUM!
- Full-length insulated heavy gauge copper clamps
- Copper clamps and lugs deliver more current
- Unbeatable extreme cold flexibility to -55°C (-67°F)

#### **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

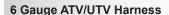


## 6 Gauge ATV/UTV Clamp to Clamp

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

#### 6 Gauge ATV/UTV Clamp to Harness

Part NumberLengthHarnessConnectorClampsJC-6-10210'2'120A100A



Part NumberHarnessConnectoJC-6-2D2'120A









Clamp

to Clamp

Harness

# 8 Gauge Arctic Superflex Blue® ATV/UTV Jumper Cables



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 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





• 4 1/2" length

• 6" length

## Jumper Cable Bags



## **Protective Power Connector Covers**

#### **Rubber Cover** Housing Size Part Number **BLACK** 350 Amp STC902-BLK 175 Amp STC903-BLK 50 Amp STC904-BLK **Polycarbonate Cover** RED Housing Size Part Number 350 Amp STC902-RED 175 Amp STC903-RED 175 Amp STC905 STC904-RED STC906 50 Amp 350 Amp **Terminals and Connectors**



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



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





J1283 Connectors Plug, Receptacle Cap, Bracket

See page 24 – 25