

Arctic Ultraflex Blue Extreme Power Cord was originally developed for use in the University of Wisconsin-Madison IceCube Project in Antarctica. NSF photo.

Extreme Power Cord (-70° to 105°C)

Extreme Power Cord 8 - 2 AWG

Extreme Power Cord is available by special order only (minimums apply)

Part Number	Gauge/Number of Conductors	Stranding Quantity/AWG	Nominal Outside Diameter	Amps*
AUFX-83*	8/3	96/28	.700"	40
AUFX-84*	8/4	96/28	.783"	35
AUFX-85*	8/5	96/28	.850"	28
AUFX-63*	6/3	96/26	.818"	55
AUFX-64*	6/4	96/26	.892"	45
AUFX-65*	6/5	96/26	.992"	36
AUFX-43*	4/3	96/24	.911"	70
AUFX-44*	4/4	96/24	1.014"	60
AUFX-45*	4/5	96/24	1.203"	48
AUFX-23*	2/3	7x7/.0223	1.158"	95
AUFX-24*	2/4	7x7/.0223	1.267"	80
AUFX-25*	2/5	7x7/.0223	1.389"	64

*Special order only (minimums apply)

Note: Sizes 8/3 up to 2/5 are non-UL constructions made with wall thicknesses in accordance with industry standards and MSHA Approved.

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 -70°C.

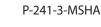
Jacket Color Light Blue

Conductors 8 through 2 AWG Stranded Bare Copper

Conductor 3/C - black, white, red Colors 4/C - black, white, red, green

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

Arctic Ultraflex Blue® 2-5 SEOOW **Typical** 600V 105°C (-70°C) WATER-RESISTANT Legend





Features

- Flexible, tough jacket
- Works well in temperature extremes of -70°C to 105°C
- Color coded conductors for easy identification
- Excellent abrasion and cut resistance
- · Ozone, sunlight, and water resistant with high dielectric insulation
- · 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

Applications

- Uses requiring flexibility and mechanical toughness, high environmental resistance and flame retardence
- Suitable and approved for submersion in water
- On and offshore drilling
- · Construction, industry, research
- Mining and outdoor applications
- Dockside power applications
- Industrial control and robotic systems and equipment
- Motor control, lighting, push button remote controls
- Machine and power tools
- Portable power, mobile power
- Extreme power cording



IN THE USA

Industry Approvals

- Federal and Military use under Federal Spec. JC-580B
- Manufactured to UL SEOOW 600V and CSA Certified STOOW (TPE) standards
- MSHA approval for flame resistance and mining applications



ARCTIC ULTRAFLEX BLUE® 2-5 SEOOW 600V 105°C(-70°C) WATER-R

^{**}Ampacity based on NEC Table 400.5 (A)