



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)

ORDER ONLINE

Extreme Power Cord 8 – 2 AWG

Part Number	Gauge/Number of Conductors	Stranding Quantity/AWG	NOM OD	WT/1000	AMPS*
AUF-83	8/3	96/28	.700"	332	40
AUF-84	8/4	96/28	.783"	425	35
AUF-85	8/5	96/28	.850"	509	28
AUF-63	6/3	96/26	.818"	473	55
AUF-64	6/4	96/26	.892"	594	45
AUF-65	6/5	96/26	.992"	744	36
AUF-43	4/3	96/24	.911"	484	70
AUF-44	4/4	96/24	1.014"	886	60
AUF-45	4/5	96/24	1.203"	1134	48
AUF-23	2/3	7x7/.0223	1.158"	1074	95
AUF-24	2/4	7x7/.0223	1.267"	1332	80
AUF-25	2/5	7x7/.0223	1.389"	1538	64

*Ampacity based on NEC Table 400-5 (B) for sizes 8/2 through 2/5.

Note: Sizes 8/2 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

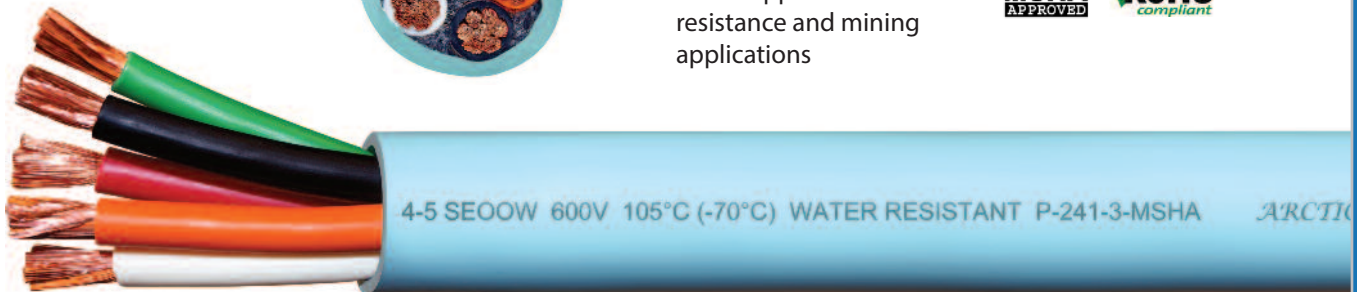
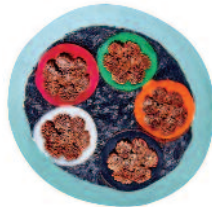
Conductor Colors 3/C - black, white, red

4/C - black, white, red, green

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

Typical Legend **Arctic Ultraflex Blue®** 4-4 SEOWW
600V 105°C (-70°C) WATER-RESISTANT
P-241-3-MSHA

 -70°C TO 105°C



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 retardance
- 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



Industry Approvals

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

