

Conductors: 18 through 10 AWG Standard Bare Copper
Jacket Color: Blue or Black
Sample Legends: **ARCTIC ULTRAFLEX BLUE™** E224869 10-7 SEOOW (UL) 600V 105°C (-50°C) P-241-3-MSHA CSA LL39753 10-7 STW (TPE) 105°C (-50°C) TPE FT2 WATER RESISTANT

Features

- Combines lightweight flexibility with mechanical toughness
- All-weather protection from -50°C to 105°C
- Superior conductor colorability for easy identification
- Exceptional abrasion resistance
- Resistant to gas, oil, chemical, water, and ozone solvents
- 105°C rating provides maximum ampacity
- All components are recyclable and non-hazardous for landfill disposal
- Easy to handle and carry
- Environmentally safe

Applications

- Push button remote controls
 - Motor control, stage lighting, and temperature control systems
 - Both open wiring in indoor and outdoor applications
 - Portable control equipment and industrial robotic systems.
 - Special control use where toughness, flexibility, and high/low temperatures are required
 - General use 600V control and instrumentation equipment
 - Suitable and approved for submersion in water
- **For greater detail of general requirements, applications, and construction specifications for flexible cords and cables, please refer to NEC Article 400 and associated articles.

Industry Approvals

UL listed SEOOW, MSHA approved for flame resistance and mining applications. CSA certified STW (TPE) -50°C to 105°C. Meets the Federal Specification #JC-580B.

Part Number	Description	Stranding Quantity/AWG	Nominal OD Inches	WT/1000	AMPS**
AUF-18/5	18/5 SEOOW	16/30	.465"	108	5.6
AUF-18/6	18/6 SEOOW	16/30	.484"	126	5.6
AUF-18/7	18/7 SEOOW	16/30	.484"	132	5.6
AUF-18/8	18/8 SEOOW	16/30	.517"	143	4.9
AUF-18/10	18/10 SEOOW	16/30	.592"	171	4.9
AUF-18/12	18/12 SEOOW	16/30	.610"	193	3.5
AUF-18/14	18/14 SEOOW	16/30	.636"	219	3.5
AUF-18/16	18/16 SEOOW	16/30	.695"	256	3.5
AUF-18/18	18/18 SEOOW	16/30	.735"	288	3.5
AUF-18/20	18/20 SEOOW	16/30	.763"	320	3.5
AUF-18/22	18/22 SEOOW	16/30	.800"	340	3.15
AUF-18/24	18/24 SEOOW	16/30	.838"	359	3.15
AUF-18/26	18/26 SEOOW	16/30	.848"	389	3.15
AUF-18/27	18/27 SEOOW	16/30	.860"	404	3.15
AUF-18/30	18/30 SEOOW	16/30	.897"	429	3.15
AUF-18/36	18/36 SEOOW	16/30	.976"	513	2.8
AUF-18/39	18/39 SEOOW	16/30	1.025"	583	2.8
AUF-18/44	18/44 SEOOW	16/30	1.100"	658	2.45
AUF-18/52	18/52 SEOOW	16/30	1.130"	728	2.45
AUF-18/60	18/60 SEOOW	16/30	1.200"	840	2.45

*Continued on next page



Outer jacket stocked in blue or black.