

Multi Conductor Portable Power Cable 90°C UL C(UL) CSA MSHA Mining Grade



SPECIFICATIONS & STANDARDS

CSA C22.2 No. 96-03, ICEA S-75-381/NEMA WC58, ICEA S-95-658/NEMA WC70, ASTM B172, ASTM B 33, UL 44

CONSTRUCTION:

- Conductors:** Flexible strand tin copper, ASTM B-172
- Separator:** Tape separator between conductor and insulation
- Insulation:** Ethylene-propylene rubber (EPR), C22.2 No. 96-03, sec 5.1.4
- Assembly:** Conductors and rubber fillers cabled to form round core
- Reinforcement:** Nylon open braid applied overall
- Jacket:** Black heavy duty CPE thermoset compound, C22.2 No. 96-03, sec 5.1.11.2 sec. 4.3.9.2 table 1
- Color Code:** black, blue, red, green C22.2 No. 96-03 table 1

FEATURES	APPLICATIONS
<ul style="list-style-type: none"> - Excellent flexibility - Water resistant and flame resistant - Rated and flexible at -40°C to +90°C - Excellent impact and abrasion resistant - Ozone sunlight oil, grease, weather, chemical resistant 	<ul style="list-style-type: none"> - Portable power systems - Other industrial applications - Magnetic cranes - Mining application where bare grounding conductors are not required

APPROVALS:

- UL:** E207132 – Oil Resistant; Oil Resistant Inners; Sunlight Resistant; 90C Wet or Dry
- C(UL):** E207132 - FT1; FT5; -40°C + 90°C
- MSHA:** P-7K-268101

4 CONDUCTOR

Part Number	Power Conductor Size	Power Conductor Stranding	Nominal Insulation Thickness		Nominal O.D.		Approx. Weight		Ampacity (1) 40°C Ambient Temp.
			inches	mm	inches	mm	lbs/1000 ft	kgs/km	A
W2/0-4	2/0 AWG	342 19x18	0.080	2.03	1.89	48.0	3293	4901	192
W4/0-4	4/0 AWG	532 19x28			2.22	56.3	4765	7092	255

(1) Ampacity – Free air measured; Based on continuous duty at 90°C conductor temperature

STANDARD PRINT LEGEND:

TF CABLE (SIZE) TYPE W PORTABLE POWER CABLE 2000V 90C SUN RES OIL RES 90C WET OR DRY (UL) E207132 C(UL) FT5 (-40°C) P-7K-268101-MSHA

SPECIAL FACTORY OPTIONS:

- Jacket:** Other colors available
- MSHA:** P-7K-268077 (Neoprene)
- CSA:** 1523058 (LR 103932) – FT1; FT5; 90C; (-40C) (Neoprene)