

2000V W RHH / RHW

Portable Power Cable 90°C UL C(UL) MSHA Industrial Grade



SPECIFICATIONS & STANDARDS

ICEA S-75-381/NEMA WC58, ICEA S-95-658/NEMA WC70, ASTM B172, ASTM B 33, UL 44

CONSTRUCTION:

- Conductors:** Standard Flex tin copper, B-172 and ICEA S-75-381/NEMA WC70
- Separator:** Tape separator between conductor and insulation
- Insulation:** Ethylene-propylene rubber (EPR), ICEA S-95-658 sec.3.21, table 3-6
- Reinforcement:** Single faced rubber filled binder tape over insulation
- Jacket:** Black heavy duty CPE thermoset compound, ICEA S-75-381/NEMA WC70 sec 3.21, table 3-4

FEATURES	APPLICATION
<ul style="list-style-type: none"> - Super-excellent flexibility - Water resistant and flame retardant - 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

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

SPECIAL FACTORY OPTIONS:

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

TINNED COPPER CONDUCTORS (STANDARD)

Part Number	Power Conductor Size	Power Conductor Stranding	Nominal Insulation Thickness		Nominal O.D.		Approx. Weight		Ampacity (1) 40°C Ambient Temp.
	AWG or MCM	No. of Wires	inches	mm	inches	mm	lbs/1000 ft	kgs/km	A
W8-1	8 AWG	133 7x19	0.060	1.52	0.440	11.2	129	192	83
W6-1	6 AWG	133 7x19	0.060	1.52	0.511	13.0	188	280	109
W4-1	4 AWG	259 7x37	0.060	1.52	0.551	14.0	249	371	145
W2-1	2 AWG	259 7x37	0.060	1.52	0.638	16.2	363	540	192
W1-1	1 AWG	259 7x37	0.080	2.03	0.720	18.3	458	682	223
W1/0-1	1/0 AWG	266 19x14	0.080	2.03	0.768	19.5	536	798	258
W2/0-1	2/0 AWG	342 19x18	0.080	2.03	0.787	20.0	635	945	298
W3/0-1	3/0 AWG	418 19x22	0.080	2.03	0.870	22.1	753	1121	345
W4/0-1	4/0 AWG	532 19x28	0.080	2.03	0.885	22.5	897	1335	400
W250-1	250 MCM	627 19x33	0.095	2.41	1.031	26.2	1088	1619	445
W350-1	350 MCM	888 37x24	0.095	2.41	1.146	29.1	1444	2149	552
W500-1	500 MCM	1221 37x33	0.095	2.41	1.255	31.9	1913	2847	695
W800-1	800 MCM	1891 61x31	0.095	2.41	1.614	41.0	3071	4570	925

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

STANDARD PRINT LEGEND:

TF CABLE (SIZE) TYPE W 2000V PORTABLE POWER CABLE RHH/RHW (UL) E207132 90C SUN RES OIL RES 90C WET OR DRY C(UL) FT-5 (-40C) P-7K-268101-MSHA



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