

TYPE W 1/c 2kV Extra Flexible

Single conductor Round portable extra flexible power cable

SPECIFICATIONS & STANDARDS

ICEA S-75-381/NEMA WC58

ICEA S-95-658/NEMA WC70

ASTM B172, ASTM B 33

CONSTRUCTION:

Conductors:	Annealed extra flexible stranded bare copper in accordance with ASTM B-172 and ICEA S-75-381/NEMA WC70
Separator:	A suitable tape separator between the conductor and insulation
Insulation:	Ethylene-propylene rubber (EPR) type EP
Reinforcement:	Single faced rubber filled binder tape over insulation
Jacket:	A CPE thermosetting compound, heavy or extra heavy duty in accordance with par. 3.21 of ICEA S-75-381/NEMA WC70; Neoprene® optional jacket available
Color of jacket:	Black; Other colors available



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- Magnet cranes- Other industrial applications

Standard length cable packing: 1000 ft reels; Other forms of packaging available

APPROVALS:

MSHA:	P-7K-268101 (CPE); P-7K-268077 (Neoprene)
UL:	E207132 – “Oil Resistant”; “75C – Wet” or “90C – Wet”; “Sunlight Resistance” or “Sun Res”; “Oil Resistant inners” (CPE)
C(UL):	E207132 – “FT1”; “FT5”; “(-40C)” or “Minus 40C”; “90C” (CPE)
CSA:	1523058 (LR 103932) – “FT1”; “FT5”; “90C”; “(-40C)” (Neoprene)

Neoprene is a registered trademark of DuPont



TELE-FONIKA CABLE AMERICAS

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12/08 v3.1

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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
W8-1X	8 AWG	162/30	0.06	1.52	0.441	11.2	145	216	81
W6-1X	6 AWG	264/30	0.06	1.52	0.511	12.9	200	298	104
W4-1X	4 AWG	418/30	0.06	1.52	0.564	14.3	255	379	141
W2-1X	2 AWG	660/30	0.06	1.52	0.651	16.5	375	558	192
W1-1X	1 AWG	836/30	0.08	2.03	0.729	18.5	475	707	221
W1/0X	1/0 AWG	1056/30	0.08	2.03	0.751	19.0	530	789	261
W2/0X	2/0 AWG	1320/30	0.08	2.03	0.800	20.3	650	967	300
W3/0X	3/0 AWG	1672/30	0.08	2.03	0.856	21.7	750	1116	351
W4/0X	4/0 AWG	2090/30	0.08	2.03	0.981	24.9	970	1444	405
W250X	250 MCM	2496/30	0.095	2.41	1.001	25.4	1130	1682	455

(1) Ampacity – 90°C conductor temperature

STANDARD PRINT LEGEND:

TELE-FONIKA (SIZE) TYPE W 2000V PORTABLE POWER CABLE RHH/RHW 90C SUN OIL RES 90C WET OR DRY
(UL) E207132 E193954 C(UL) FT-5 (-40C) P-7K-268101-MSHA

