

TYPE W 2/c 2kV

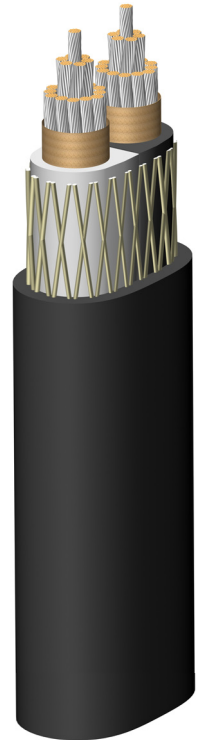
Two conductor Flat portable power cable Mining grade

SPECIFICATIONS & STANDARDS

ICEA S-75-381/NEMA WC58
ICEA S-95-658/NEMA WC70
ASTM B 172, ASTM B 33

CONSTRUCTION:

Conductors:	Annealed flexible stranded tin coated copper in accordance with ASTM B 172 and ICEA S-75-381; Conductors D-shaped cross-section
Separator:	A suitable tape separator between the conductor and insulation
Insulation:	Ethylene-propylene rubber (EPR) type EP
Circuit identification:	Color coding of power conductors shall be black, white in accordance with Par. 3.18 of ICEA S-75-381
Reinforcement:	Nylon open braid over assembly
Jacket:	CPE thermosetting compound, extra heavy duty in accordance with par. 3.21 of ICEA S-75-381; Optional Neoprene® jacket available
Color of jacket:	Black; Other colors available



FEATURES	APPLICATION
<ul style="list-style-type: none">- 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- Indent printed for easy identification	<ul style="list-style-type: none">- For use on D.C. off track mining equipment; Especially designed for D.C. shuttle cars, drills, cutting and loading machines

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

APPROVALS:

MSHA:	P-7K-268108 (CPE)
UL:	E207132 – “Oil Resistant”; “75°C – Wet” or “90°C – Wet”; “Sunlight resistance” or “Sun Res”; “Oil Resistant inners” (CPE)

Neoprene is a registered trademark of DuPont



TELE-FONIKA CABLE AMERICAS

1160 Pierson Drive, Suite 102
Batavia, IL 60510
tel: 630-406-9000 fax: 630-406-6574

12/08 v2.4

TYPE W 2/c 2kV

Part Number	Power Conductor Size	Power Conductor Stranding	Nominal Insulation Thickness		Nominal O.D.		Approx. Weight		Ampacity (1) 40°C Ambient Temp.
	AWG	No. of Stranding	inches	mm	inches	mm	lbs/1000 ft	kgs/km	A
W8-2 Flat Mining	8 AWG	133 7x19	0.06	1.52	0.51x0.84	12.95x21.34	380	566	72
W6-2 Flat Mining	6 AWG	133 7x19	0.06	1.52	0.56x0.93	14.22x23.62	480	714	95
W4-2 Flat Mining	4 AWG	259 7x37	0.06	1.52	0.61x1.05	15.49x26.67	600	893	127
W2-2 Flat Mining	2 AWG	259 7x37	0.06	1.52	0.73x1.24	18.54x31.50	885	1317	167
W1-2 Flat Mining	1 AWG	259 7x37	0.08	2.03	0.81x1.40	20.57x35.56	1100	1637	191
W1/0-2 Flat Mining	1/0 AWG	259 7x37	0.08	2.03	0.93x1.51	23.62x38.35	1335	2077	217
W2/0-2 Flat Mining	2/0 AWG	329 7x47	0.08	2.03	0.99x1.63	25.14x41.40	1650	2455	250
W4/0-2 Flat Mining	4/0 AWG	532 19x28	0.08	2.03	1.10x1.89	27.94x48.01	2350	3497	328

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

STANDARD PRINT LEGEND:

TELE-FONIKA (SIZE) TYPE W PORTABLE POWER CABLE 2000V 90C SUN OIL RES 90C WET
OR DRY (UL) E207132 P-7K-268108-MSHA

