

Type W 2000V Portable Power Cable



APPLICATION:

Type W cables are for use in heavy duty services as power supply cable, AC systems, mobile and portable electrical equipment, motor and battery leads. Cables have rope-lay stranding for maximum flex life. Designed to withstand exposure to oil, acids, alkalis, heat, flame, moisture and chemicals.

CONDUCTORS:

- Rope-lay stranded soft drawn bare or tinned copper
- Green conductor for grounding conductor purpose only (for three & four conductors only)

INSULATION:

- Ethylene-Propylene Rubber (EPR)

COLOR CODE:

Circuit Identification	Color
3-core	Black, White, Green
4-core	Black, White, Red, Green

JACKET:

- Black abrasion, heat and moisture resistant chlorinated polyethylene CPE jacket with a temperature range of -40°C to 90°C

STANDARDS:

- CSA C22.2 No. 96, c(UL) listed Type W
- ICEA S-75-381/NEMA WC 58 Portable and Power Feeder Cables for Use in Mines and Similar Applications
- UL 1650, UL listed Type W
- FT1/FT5
- MSHA approved
- Multi conductor cables are suitable for submersion in water



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Part Number	Conductor Size	No. of Conductors	Conductor Stranding	Nominal Insulation Thickness		Nominal Overall Diameter		Nominal Net Weight lbs/km	Ampacity** in Air
	AWG/kcmil			inches	mm	inches	mm		
Single Conductor									
2-01 TYPEW	2	1	259	0.060	1.52	0.630	16.00	1198	192
1-01 TYPEW	1	1	259	0.080	2.03	0.745	18.92	1559	223
2/0-01 TYPEW	2/0	1	259	0.080	2.03	0.845	21.46	2215	298
4/0-01 TYPEW	4/0	1	259	0.080	2.03	0.970	24.64	3167	400
Three Conductor									
8-03 TYPEW	8	3	133	0.060	1.52	0.955	24.26	1739	72
6-03 TYPEW	6	3	259	0.060	1.52	1.010	25.65	2166	95
4-03 TYPEW	4	3	259	0.060	1.52	1.150	29.21	3035	127
2-03 TYPEW	2	3	259	0.060	1.52	1.320	33.53	4348	167
1-03 TYPEW	1	3	259	0.080	2.03	1.490	37.85	5250	191
1/0-03 TYPEW	1/0	3	259	0.080	2.03	1.650	41.91	7481	217
2/0-03 TYPEW	2/0	3	259	0.080	2.03	1.750	44.45	8792	250
3/0-03 TYPEW	3/0	3	259	0.080	2.03	1.890	48.01	10564	286
4/0-03 TYPEW	4/0	3	259	0.080	2.03	2.040	51.82	12796	328
250-03 TYPEW	250	3	327	0.095	2.41	2.390	60.71	16634	363
350-03 TYPEW	350	3	855	0.095	2.41	2.680	68.07	21556	436
500-03 TYPEW	500	3	1235	0.095	2.41	3.030	76.96	28544	524
Four Conductor									
8-04 TYPEW	8	4	133	0.060	1.52	0.955	24.26	2035	59
6-04 TYPEW	6	4	259	0.060	1.52	1.090	27.69	2707	79
4-04 TYPEW	4	4	259	0.060	1.52	1.250	31.75	3584	104
2-04 TYPEW	2	4	259	0.060	1.52	1.480	37.59	5414	138
1-04 TYPEW	1	4	259	0.080	2.03	1.680	42.67	8039	161
1/0-04 TYPEW	1/0	4	259	0.080	2.03	1.790	45.47	8432	186
2/0-04 TYPEW	2/0	4	259	0.080	2.03	1.930	49.02	11319	215
3/0-04 TYPEW	3/0	4	259	0.080	2.03	2.070	52.58	13288	249
4/0-04 TYPEW	4/0	4	259	0.080	2.03	2.260	57.40	16306	287

All values are nominal and subject to correction

**Ampacities based on conductor temperature of 90°C and an ambient air temperature of 40°C per ICEA S-75-381/NEMA WC58



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