



Type W 4 & 5 Conductors 90°C 600/2000V

Part Number	Size AWG/kcmil	No. of Conductors	Conductor Strand	Nominal Insulation Thickness		Nominal Overall Diameter		Cable Weight lbs/kft	Ampacity Amps*
				inches	mm	inches	mm		
8-04 TYPEW	8	4	133	0.060	1.52	0.97	24.6	656	65
6-04 TYPEW	6	4	259	0.060	1.52	1.11	28.3	908	87
4-04 TYPEW	4	4	259	0.060	1.52	1.26	32.1	1262	114
2-04 TYPEW	2	4	259	0.060	1.52	1.47	36.3	1759	152
1-04 TYPEW	1	4	259	0.080	2.03	1.71	43.4	2322	177
1/0-04 TYPEW	1/0	4	266	0.080	2.03	1.78	45.2	2721	205
2/0-04 TYPEW	2/0	4	342	0.080	2.03	1.89	48.0	3293	237
3/0-04 TYPEW	3/0	4	418	0.080	2.03	2.02	51.4	3849	274
4/0-04 TYPEW	4/0	4	532	0.080	2.03	2.22	56.3	4765	316
250-04 TYPEW	250	4	627	0.095	2.41	2.61	66.2	5579	352
350-04 TYPEW	350	4	888	0.095	2.41	2.92	74.2	7329	433
500-04 TYPEW	500	4	1221	0.095	2.41	3.34	84.8	9896	536
8-05 TYPEW	8	5	133	0.060	1.52	1.07	27.2	776	52
6-05 TYPEW	6	5	295	0.060	1.52	1.24	31.5	1024	69
4-05 TYPEW	4	5	259	0.060	1.52	1.36	35.2	1432	91
2-05 TYPEW	2	5	259	0.060	1.52	1.56	39.8	2051	121
1-05 TYPEW	1	5	259	0.060	1.52	1.85	47.1	2665	141
1/0-05 TYPEW	1/0	5	266	0.080	2.03	1.98	50.4	3406	164
2/0-05 TYPEW	2/0	5	342	0.080	2.03	2.13	54.1	3596	189
3/0-05 TYPEW	3/0	5	418	0.080	2.03	2.27	57.6	4728	219
4/0-05 TYPEW	4/0	5	532	0.080	2.03	2.46	62.6	5512	252

All values are nominal and subject to correction

*Ampacities based on 90°C Conductor and 30°C Ambient temperature per table 400.5(A)(2) of the National Electrical Code®

*Green conductor for grounding conductor purpose only

Application: Type W is for use in heavy duty power systems as power supply cable such as: AC systems (grounded and ungrounded); mobile and portable electrical equipment; motor and battery leads. 4 conductor constructions are for three phase systems with one conductor being used as a ground. 5 conductor constructions are for three phase systems where one conductor is used as a neutral and one conductor being used as a ground, Type W is for applications up to 2000 volts and temperatures from -40°C to +90°C.

Conductors: Flexible stranded soft drawn tin coated copper conductor per ASTM B172 and ICEA S-75-381/NEMA WC58

Separator: Tape separator between conductor and insulation

Insulation: Ethylene-propylene rubber (EPR) per ICEA S-75-381/NEMA WC58

Reinforcement: Single faced rubber filled binder tape over insulation

Jacket: Black heavy duty thermoset CPE per ICEA S-75-381/NEMA WC 58

Standards: MSHA Approved
 ASTM B 33 Tin-Coated Soft or Annealed Copper Wire for Electrical Purposes
 ASTM B 172 Rope-Lay-Stranded Copper Conductors Having Bunch-Stranded Members
 ICEA S-75-381/NEMA WC 58 Portable and Power Feeder Cables for Use in Mines and Similar Applications
 ICEA S-95-658/NEMA WC 70 Nonshielded Power Cables Rated 2000 Volts or Less
 UL 44 Thermoset-Insulated Wire and Cable
 UL 1650 Portable Power Cable
 Sunlight Resistant
 C(UL) FT1 & FT4

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