

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



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 strand soft drawn bare or tinned copper conductor
- Green conductor for grounding conductor purpose only

SEPARATOR:

- Tape separator between conductor and insulation

INSULATION:

- Ethylene-Propylene Rubber (EPR)

COLOR CODE:

Circuit Identification	Color
4-core	Black, White, Red, Green
5-core	Black, White, Red, Green, Orange

REINFORCEMENT:

- Single faced rubber filled binder tape applied over core

JACKET:

- Black heavy duty CPE thermoset compound. Ozone, sunlight, oil, flame, weather, impact, and abrasion resistant

STANDARDS:

- UL 44 Thermoset-Insulated Wire and Cable
- UL 1650 Portable Power Cable
- CSA C22.2 96-17
- C(UL) FT1 & FT5
- Oil Resistant Oil Resistant Inners, Sunlight resistant 90°C Wet or Dry
- ASTM B-33 Tin-Coated Soft or Annealed Copper Wire for Electrical Purposes
- Rated and flexible at -40°C to +90°C
- 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



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Part Number	Conductor Size	No. of Conductors	Conductor Stranding	Nominal Insulation Thickness		Nominal Overall Diameter		Nominal Net Weight	Ampacity** 30°C in Air
	AWG/kcmil			inches	mm	inches	mm	lbs/kft	
8-04 TYPEW	8	4	133	0.060	1.52	0.980	24.89	626	65
6-04 TYPEW	6	4	259	0.060	1.52	1.100	27.94	831	87
4-04 TYPEW	4	4	259	0.060	1.52	1.220	30.99	1134	114
2-04 TYPEW	2	4	259	0.060	1.52	1.440	36.58	1661	152
1-04 TYPEW	1	4	259	0.060	1.52	1.590	40.39	2035	177
1/0-04 TYPEW	1/0	4	266	0.080	2.03	1.700	43.18	2423	205
2/0-04 TYPEW	2/0	4	342	0.080	2.03	1.850	46.99	2993	237
3/0-04 TYPEW	3/0	4	418	0.080	2.03	1.960	49.78	3476	274
4/0-04 TYPEW	4/0	4	532	0.080	2.03	2.150	54.61	4340	316
250-04 TYPEW	250	4	627	0.095	2.41	2.530	64.26	5381	352
350-04 TYPEW	350	4	888	0.095	2.41	2.830	71.88	7137	433
500-04 TYPEW	500	4	1221	0.095	2.41	3.240	82.30	9507	536
8-05 TYPEW	8	5	133	0.060	1.52	1.030	26.16	698	52
6-05 TYPEW	6	5	295	0.060	1.52	1.200	30.48	978	70
4-05 TYPEW	4	5	259	0.060	1.52	1.370	34.80	1406	91
2-05 TYPEW	2	5	259	0.060	1.52	1.560	39.62	1967	122
1-05 TYPEW	1	5	259	0.060	1.52	1.810	45.97	2567	142
1/0-05 TYPEW	1/0	5	266	0.080	2.03	1.940	49.28	3045	164
2/0-05 TYPEW	2/0	5	342	0.080	2.03	2.020	51.31	3585	190
3/0-05 TYPEW	3/0	5	418	0.080	2.03	2.230	56.64	4353	219
4/0-05 TYPEW	4/0	5	532	0.080	2.03	2.350	59.69	5221	253

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®



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