

Type W 2 & 3 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. 2 conductor constructions are for systems where bare grounding conductors are not required. 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 (for three conductors only)

SEPARATOR:

- Tape separator between conductor and insulation

INSULATION:

- Ethylene-Propylene Rubber (EPR)

COLOR CODE:

Circuit Identification	Color
2-core	Black, White
3-core	Black, White, Green

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



1-800-945-5542
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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	
8-02 TYPEW	8	2	133 7x19	0.060	1.52	0.800	20.32	407	74
6-02 TYPEW	6	2	133 7x19	0.060	1.52	0.920	23.37	552	99
4-02 TYPEW	4	2	259 7x37	0.060	1.52	1.030	26.16	752	130
2-02 TYPEW	2	2	259 7x37	0.060	1.52	1.220	30.99	1088	174
8-03 TYPEW	8	3	133	0.060	1.52	0.960	24.38	565	74
6-03 TYPEW	6	3	259	0.060	1.52	1.030	26.16	698	99
4-03 TYPEW	4	3	259	0.060	1.52	1.140	28.96	944	130
2-03 TYPEW	2	3	259	0.060	1.52	1.290	32.77	1306	174
1-03 TYPEW	1	3	259	0.060	1.52	1.460	37.08	1639	202
1/0-03 TYPEW	1/0	3	266	0.080	2.03	1.590	40.39	1991	234
2/0-03 TYPEW	2/0	3	342	0.080	2.03	1.690	42.93	2380	271
3/0-03 TYPEW	3/0	3	418	0.080	2.03	1.810	45.97	2808	313
4/0-03 TYPEW	4/0	3	532	0.080	2.03	1.960	49.78	3425	361
250-03 TYPEW	250	3	627	0.095	2.41	2.290	58.17	4258	402
350-03 TYPEW	350	3	888	0.095	2.41	2.570	65.28	5650	495
500-03 TYPEW	500	3	1221	0.095	2.41	2.900	73.66	7445	613

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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