

Type W RHH/RHW-2 Single Conductor 90°C 600/2000V



APPLICATION:

Single Conductor Type W is for use on portable power systems; entertainment industry applications such as: theater, television, night clubs, motion pictures, mobile communication vans, spotlights, and sound for permanent or temporary power. It is for use in permanent wiring of 600 volt power supply for hoists, cranes and other applications where a flexible power lead must be installed in conduit or raceways. Single Conductor Type W is for applications up to 2000 volts and temperatures from -40°C to +90°C.

CONDUCTORS:

- Flexible stranded bare or tinned copper conductor per B-172 and ICEA S-75-381/NEMA WC70

SEPARATOR:

- Tape separator between conductor and insulation

INSULATION:

- Ethylene-Propylene Rubber (EPR) per ICEA S-95-658

REINFORCEMENT:

- Nylon open reinforcing braid over insulation

JACKET:

- Black heavy duty CPE thermoset compound per ICEA S-75-381/NEMA WC70

STANDARDS:

- UL 44 Thermoset-Insulated Wire and Cable
- UL 1650 Portable Power Cable
- CSA C22.2 96-13
- C(UL): E207132, FT1 & FT5
- UL: E207132 - Oil Resistant Oil Resistant Inners, Sunlight resistant 90°C Wet or Dry
- ASTM B 3
- Rated and flexible at -40°C to +90°C

Part Number	Conductor Size	Nominal Insulation Thickness		Nominal Overall Diameter		Nominal Net Weight lbs/kft	Ampacity** 30°C in Air
		AWG/kcmil	inches	mm	inches		
8-01 TYPEW	8	0.060	1.52	0.441	11.20	131	80
6-01 TYPEW	6	0.060	1.52	0.511	12.98	193	105
4-01 TYPEW	4	0.060	1.52	0.564	14.33	255	140
2-01 TYPEW	2	0.060	1.52	0.651	16.54	365	190
1-01 TYPEW	1	0.080	2.03	0.729	18.52	454	220
1/0-01 TYPEW	1/0	0.080	2.03	0.751	19.08	529	260
2/0-01 TYPEW	2/0	0.080	2.03	0.800	20.32	626	300
3/0-01 TYPEW	3/0	0.080	2.03	0.856	21.74	755	350
4/0-01 TYPEW	4/0	0.080	2.03	0.910	23.11	965	405
250-01 TYPEW	250	0.105	2.67	1.045	26.54	1125	455
350-01 TYPEW	350	0.105	2.67	1.145	29.08	1465	570
500-01 TYPEW	500	0.105	2.67	1.315	33.40	2010	700

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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09-2024