

# Type W RHH/RHW-2

## 2000 V

ASTM B-3, UL 44, UL 1650, CSA C22.2 96-13

Portable Power Cables 90°C UL C(UL) MSHA  
Industrial Grade – Extra Flexible

### APPLICATIONS

Portable power systems. Other industrial applications

### CONSTRUCTION

Conductors	Extra flexible stranded bare copper
Separator	Tape separator between conductor and insulation
Insulation	Ethylene-propylene rubber (EPR)
Reinforcement	An open reinforcing braid over insulation
Jacket	Black heavy duty CPE thermosetting compound
Bending radius	Minimum 6 x outer diameter

### Features

Super -Excellent flexibility. Water resistant and flame retardant. Rated and flexible at -40°C to +90°C. Excellent impact and abrasion resistant. Ozone, sunlight, oil, grease, weather, chemical and heat resistant

### Approvals

**UL:** E207132 - Oil Resistant Oil Resistant Inners, Sunlight resistant 90°C Wet or Dry  
**C(UL):** E207132, FT1, FT5 -40°C to +90°C, **MSHA:** P-7K-268101



# Technical and Electrical Characteristic

Part Number	Size	Conductor Strand	Nominal Insulation Thickness		Outside Diameter		Approx. weight		Ampacity(1)
			Inches	mm	Inches	mm	Lbs. per 1000ft.	kg/km	
W8-1X	8	162	0.06	1.52	0.44	11.1	131	195	80
W6-1X	6	264	0.06	1.52	0.52	13.1	193	287	105
W4-1X	4	418	0.06	1.52	0.56	14.3	255	379	140
W2-1X	2	660	0.06	1.52	0.65	16.5	365	543	190
W1-1X	1	836	0.08	2.03	0.72	18.4	454	675	220
W1/0-1X	1/0	1056	0.08	2.03	0.75	19.1	529	787	260
W2/0-1X	2/0	1320	0.08	2.03	0.80	20.3	626	931	300
W3/0-1X	3/0	1672	0.08	2.03	0.86	21.9	755	1123	350
W4/0-1X	4/0	2090	0.08	2.03	0.91	23.1	965	1436	405
W250-1X	250	2496	0.095	2.41	0.98	25.0	1064	1584	455
W350-1X	350	3416	0.095	2.41	1.11	28.2	1409	2096	570
W500-1X	500	4880	0.095	2.41	1.28	32.5	1913	2847	700
W750-1X	750	7252	0.110	2.79	1.54	39.1	2810	4181	855
W800-1X	800	7770	0.110	2.79	1.56	39.5	3021	4496	885

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

## Standard print legend:

### For size up to 1AWG

TF CABLE (SIZE) TYPE W 2000V PORTABLE POWER CABLE RHH/RHW-2 90C SUN RES OIL RES 90C WET OR DRY (UL) E207132 C(UL) FT1 FT5 (-40°C) P-7K-268101-MSHA

### For size 1/0AWG and larger

TF CABLE (SIZE) TYPE W 2000V PORTABLE POWER CABLE 90C E207132 (UL) SUN RES OIL RES 90C WET OR DRY C(UL) FT1 FT5 (-40°C) E193954 RHH/RHW-2 600V FOR CT USE P-7K-268101-MSHA

## Special factory option

**Jacket:** Other colors available

**MSHA:** P-7K-268077 (Neoprene)

**CSA:** 1523058 (LR 103932)- FT1, FT5, +90°C (-40°C) (Neoprene)

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