

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	Single faced rubber filled binder tape 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 $+90^{\circ}\text{C}$. 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 $+90^{\circ}\text{C}$, **MSHA:** P-7K-268101



Technical and Electrical Characteristic

Part Number	Size	Conductor Strand	Nominal Insulation Thickness		Outside Diameter		Approx. weight		Ampacity(1)
	AWG or MCM	No. of wires	Inches	mm	Inches	mm	Lbs. per 1000ft.	kg/km	A
W8-1XT	8	162	0.06	1.52	0.46	11.6	138	205	80
W6-1XT	6	264	0.06	1.52	0.54	13.6	200	298	105
W4-1XT	4	418	0.06	1.52	0.58	14.7	261	388	140
W2-1XT	2	660	0.06	1.52	0.65	16.5	362	538	190
W1-1XT	1	836	0.08	2.03	0.73	18.5	452	673	220
W1/0-1XT	1/0	1056	0.08	2.03	0.77	19.5	536	797	260
W2/0-1XT	2/0	1320	0.08	2.03	0.81	20.7	634	943	300
W3/0-1XT	3/0	1672	0.08	2.03	0.88	22.4	767	1141	350
W4/0-1XT	4/0	2090	0.08	2.03	0.98	24.9	966	1438	405
W250-1XT	250	2496	0.095	2.41	1.00	25.5	1077	1603	455
W350-1XT	350	3416	0.095	2.41	1.11	28.3	1405	2091	570
W500-1XT	500	4880	0.095	2.41	1.30	33.0	1930	2872	700

(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)

All the information in this document – including tables and diagrams – is given in good faith and believed to be correct at the time of publication. The information does not constitute a warranty nor representation for which TELE-FONIKA Kable assumes legal responsibility. TELE-FONIKA Kable reserves rights to introduce changes to the document at any time