

Type W Portable Power Cable 90°C, 2kV

Construction

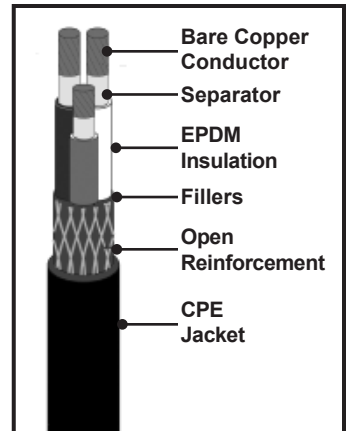
Manufactured with rope-lay stranded, bunched members, annealed copper conductors. A polyester or paper tape separates the copper conductors from the EP rubber insulation. The insulated conductors are assembled round with fillers as needed. The cable is covered with a black CPE rubber jacket. The jacket may be applied in two layers. Two-layer jackets are reinforced by a braid of synthetic material. The reinforcing is between the layers.

Specifications

- Conductors are manufactured in accordance with ASTM B-33 and B-172
- Made in accordance with ICEA S-75-381 - Portable and Power Feeder Cables for Use in Mines and Similar Locations
- MSHA accepted, P-7K-123049 LR27151
- UL Listed as Type RHH-RHW-2 per UL 44
- CSA Approved
- Meets FT-5 Flame Test

Applications

For use in mining machines, locomotives, power supply leads on A.C. welders, motor leads, entertainment, generator leads and grounding cable at continuous conductor temperature of 90°C. Type W cables also are suitable for continuous immersion in shallow water. Excellent flexibility, resistance to oils, solvents, ozone, aging, and abrasion.



No. of Conductors	Size (AWG or kcmils)	Cond. Strand	Nom. Insulation Thick. (in)	Nominal O.D. (in)	Current Amps	Approx. Net Weight (lbs/M-ft)
1	8	133	.060	.485	74	160
1	6	259	.060	.565	99	220
1	4	259	.060	.605	130	290
1	2	259	.080	.680	174	395
1	1	259	.080	.765	202	490
1	1/0	259	.080	.810	234	575
1	2/0	259	.080	.885	271	700
1	3/0	259	.080	.930	313	820
1	4/0	259	.080	.980	361	1,000
1	250	627	.095	1.045	402	1,170
1	350	855	.095	1.145	495	1,520
1	500	1,235	.095	1.310	613	2,090

Also available in 2, 3, 4, 5 conductor. Call for specifications.

Information based on Southwire specs.

See referenced pages in the Hardware & Supplies section:

Suggested Prep Tools

- MK01A Jacket Stripper - I-11
- MK04 Jacket Stripper - I-11