



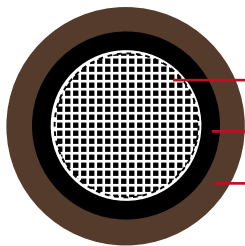
RHH or RHW, EPR/XLPO, 600 Volt

Applications:

600 Volt EPR/XLPO Type RHH or RHW-2 or USE-2 is suited for use in mass transit and general industry applications where flexibility, fire resistance, and low smoke generation are concerns. May be installed in wet or dry locations (including direct burial for size AWG 8 and larger) in cable trays or in raceways. These cables are capable of operating continuously at a conductor temperature not in excess of 90°C for normal operation, 130°C for emergency overload conditions, and 250°C for circuit conditions.



Construction:



Stranded compressed bare copper conductor

EPR insulation

XLPO jacket

Conductor:

Class B compressed concentric stranded bare copper in accordance with ASTM B3 and B8 and ICEA.

Insulation:

Being resistant to moisture, most oils, acids, and alkalis EPR (ethylene propylene rubber) insulation

Jacket:

Flame retardant, moisture and sunlight resistant XLPO

Color:

upon request, black is preferable



American Standard UL

Compliances:

- ▶ UL 44 - Thermoset-Insulated Wires and Cables
- ▶ UL 1581 - UL Flame Exposure Test (VW-1)
- ▶ UL 1685 - UL Flame Exposure Test
- ▶ ICEA S-68-516 (NEMA WC8)
- ▶ RoHS

Parameters:

AWG or kcmil	Strand	Nominal Insulation Thickness Inch/mm		Nominal Jacket Thickness Inch/mm		Nominal Overall Diameter Inch/mm		Cable Weight Lbs/kft kg/km	
2	7	0.045	1.14	0.030	0.76	0.445	11.3	250	372
1	19	0.055	1.40	0.045	1.14	0.524	13.3	335	499
1/0	19	0.055	1.40	0.045	1.14	0.563	14.3	410	610
2/0	19	0.055	1.40	0.045	1.14	0.607	15.4	503	749
3/0	19	0.055	1.40	0.045	1.14	0.657	16.7	673	921
4/0	19	0.055	1.40	0.045	1.14	0.713	18.1	764	1137
250	37	0.065	1.65	0.065	1.65	0.838	21.3	940	1399
350	37	0.065	1.65	0.065	1.65	0.944	24.0	1274	1896
500	37	0.065	1.65	0.065	1.65	1.076	27.3	1769	2633
750	61	0.080	2.03	0.065	1.65	1.291	32.8	2616	3893
1000	61	0.080	2.03	0.065	1.65	1.445	36.7	3428	5101