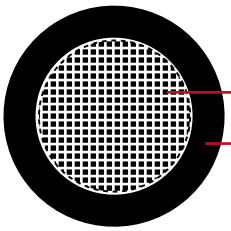
RHH/RHW-LS/USE, XLPO, LSOH, CSA AWM I A/B, Class I*

Applications:

RHH/RHW-2/USE-2, XLPO type is for use in conduit, open tray, underground duct and aerial installations when properly supported and installed, RHH/RHW ratings is for installation in conduit or raceway, USE rating is for direct burial applications and CT rated for installation in cable tray（1/0 AWG and larger）, it is for use in all closed environments or populated spaces such as auditoriums, arenas and health facilities where more stringent specifications for smoke and toxicity emission levels are desired, for use in broad range of commercial, industrial and utility applications where reliability is the major concern, where maximum performance will be demanded and where space is limited.

Construction:



Conductor:

Tinned coated copper per ASTM B3 and B33. Class I stranding per ASTM B8

Insulation:

Flame-retardant, oil-resistant, limited smoke, Cross-Linked Polyolefin (XLPO)

Color:

upon request, black is preferable

American Standard UL

Compliances:

- UL 44 - Thermoset-Insulated Wires and Cables
- UL 758 - Appliance Wiring Material
- UL 854 - Service Entrance Cables.
- UL 1685 - UL Vertical Tray Fire
- ICEA S-95-658 (NEMA WC70)
- IEEE 1202 (70,000 BTU/hr)
- IEEE 383 (70,000 BTU/hr)
- Telcordia GR347 Core
- UL Listed VW-1
- CSA FT4
- CSA Standard C22.2 No. 0.3 and No. 210.2
- Meets EPA 40 CFR, Part 261 for leachable lead content per TCLP method
- OSHA acceptable

Parameters:

AWG or kcmil	Strand (class I*)	Conductor Diameter Inch/mm		Nominal insulation Thickness Inch/mm		Nominal Overall Diameter Inch/mm		Copper weight Lbs/kft	kg/km	Cable Weight Lbs/kft	kg/km
14	41	0.07	1.88	0.045	1.14	0.18	4.57	14	20	20	29
12	65	0.09	2.39	0.045	1.14	0.20	5.08	21	31	27	40
10	65	0.12	3.15	0.045	1.14	0.23	5.84	33	48	39	58
8	41	0.16	4.06	0.060	1.52	0.29	7.37	51	76	59	87
6	63	0.21	5.33	0.060	1.52	0.34	8.64	80	119	120	179
4	105	0.26	6.60	0.060	1.52	0.38	9.65	134	199	184	274
2	161	0.32	8.13	0.060	1.52	0.45	11.43	205	305	266	396
1	210	0.38	9.65	0.080	2.03	0.55	13.97	261	389	356	530
1/0	259	0.42	10.67	0.080	2.03	0.59	14.99	329	489	433	644
2/0	329	0.47	11.94	0.080	2.03	0.64	16.26	417	621	529	787
3/0	413	0.53	13.46	0.080	2.03	0.71	18.03	524	780	654	973
4/0	532	0.61	15.49	0.080	2.03	0.78	19.81	682	1014	831	1237
250	608	0.65	16.51	0.095	2.41	0.85	21.59	779	1159	946	1408
350	851	0.78	19.81	0.095	2.41	1.00	25.40	1095	1630	1301	1936
500	1221	0.95	24.13	0.095	2.41	1.16	29.46	1517	2258	1821	2710
750	1850	1.11	28.19	0.110	2.79	1.36	34.54	2408	3584	2723	4052