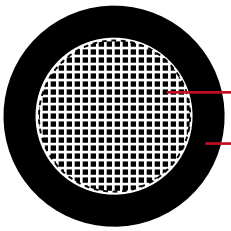
RHH/RHW-LS/USE, XLPO, LSOH, CSA AWM I A/B, Class B

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 compressed copper per ASTM B3 and B33. Class B 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 B)	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	7	0.07	1.78	0.045	1.14	0.17	4.32	13	19	18	27
12	7	0.09	2.29	0.045	1.14	0.19	4.83	20	30	25	37
10	7	0.12	3.05	0.045	1.14	0.22	5.59	32	48	38	57
8	7	0.15	3.81	0.060	1.52	0.28	7.11	50	75	58	86
6	7	0.18	4.57	0.060	1.52	0.31	7.87	81	121	116	173
4	7	0.23	5.84	0.060	1.52	0.36	9.14	129	192	171	254
2	7	0.28	7.11	0.060	1.52	0.42	10.67	205	305	257	382
1	19	0.32	8.13	0.080	2.03	0.49	12.45	258	385	331	493
1/0	19	0.36	9.14	0.080	2.03	0.53	13.46	326	485	406	604
2/0	19	0.41	10.41	0.080	2.03	0.58	14.73	411	612	495	737
3/0	19	0.46	11.68	0.080	2.03	0.63	16.00	518	771	612	911
4/0	19	0.51	12.95	0.080	2.03	0.68	17.27	653	972	757	1126
250	37	0.56	14.22	0.095	2.41	0.76	19.30	772	1149	905	1347
350	37	0.66	16.76	0.095	2.41	0.87	22.10	1081	1609	1237	1841
500	37	0.79	20.07	0.095	2.41	1.00	25.40	1544	2298	1728	2571
750	61	0.97	24.64	0.110	2.79	1.21	30.73	2316	3447	2572	3827