

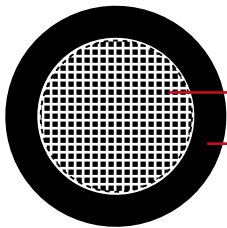


RHH/RHW-2/USE-2, FR-EPR, 600V

Applications:

RHH/RHW-2/USE-2, FR-EPR type is 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, and usually used in free air, raceways or direct burial in accordance with NEC.

Construction:



Stranded compressed bare copper conductor

Fire resistant EPR insulation

Conductor: Compressed stranded annealed bare copper, Class B stranding per ASTM B8

Insulation: Flame-retardant Ethylene Propylene Rubber (EPR)

Color: upon request, black is preferable

Compliances:

- ▶ National Electrical Code (NEC)
- ▶ UL 44 Type RHH/RHW-2
- ▶ UL 854 Type USE-2
- ▶ ICEA S-95-658/NEMA WC70)
- ▶ "FOR CT USE" on 1/0 AWG and larger in accordance with NEC
- ▶ UL Listed VW-1
- ▶ UL 1581 VW-1
- ▶ For 1/0 AWG and larger: IEEE 383, IEEE 1202/CSA FT4, ICEA T-29-520
- ▶ OSHA acceptable





American Standard UL

Parameters:

AWG or kcmil	Strand	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	24	36
12	7	0.09	2.29	0.045	1.14	0.19	4.83	20	30	33	49
10	7	0.12	3.05	0.045	1.14	0.21	5.33	32	48	48	71
8	7	0.15	3.81	0.060	1.52	0.27	6.86	50	75	78	116
6	7	0.18	4.57	0.060	1.52	0.31	7.87	81	121	114	170
4	7	0.23	5.84	0.060	1.52	0.36	9.14	129	192	169	252
2	7	0.29	7.37	0.060	1.52	0.42	10.67	205	305	254	378
1/0	19	0.37	9.40	0.080	2.03	0.53	13.46	326	485	402	598
2/0	19	0.41	10.41	0.080	2.03	0.58	14.73	411	612	500	744
4/0	19	0.52	13.21	0.080	2.03	0.69	17.53	653	972	759	1130
250	37	0.56	14.22	0.095	2.41	0.77	19.56	772	1149	905	1347
350	37	0.67	17.02	0.095	2.41	0.87	22.10	1081	1609	1235	1838
500	37	0.80	20.32	0.095	2.41	1.00	25.40	1542	2295	1728	2572
750	61	0.98	24.89	0.110	2.79	1.22	30.99	2316	3447	2573	3829
1000	61	1.13	28.70	0.110	2.79	1.37	34.80	3086	4593	3402	5063