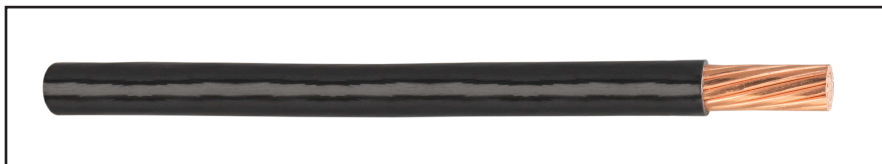


RHH/RHW-2 High Speed

XLPE, Low-Voltage Power, 600 V or 1000 V
UL Type RHH/RHW-2/USE-2, Single Conductor, Copper



Product Construction:

Conductor:

- 14 AWG thru 1000 kcmil annealed bare copper compressed Class B stranding per ASTM B8

Insulation:

- Flame-retardant Cross-linked Polyethylene (XLPE), black

Options:

- 2 kV version
- Tinned copper conductor
- Class C stranding
- FREP® — flame-retardant Ethylene Propylene Rubber (EPR) insulation
- Black only

Applications:

- Ideally suited for use in a broad range of commercial, industrial and utility applications where reliability is a major concern, where maximum performance will be demanded and where space is limited
- In free air, raceways or direct burial in accordance with NEC

Features:

- High Speed low friction technology for easy cable pulling
- Rated at 90°C wet or dry
- Smaller cable O.D.
- Excellent electrical, thermal and physical properties
- Sunlight-resistant
- Excellent resistance to moisture
- Excellent resistance to crush, compression cuts and heat deformation
- Excellent flame resistance
- Excellent low temperature cold bend characteristics
- Meets cold bend test at -25°C

Compliances:

Industry Compliances:

- National Electrical Code (NEC)
- ICEA S-95-658/NEMA WC70
- “FOR CT USE” on 1/0 AWG and larger in accordance with NEC
- UL 44 Type RHH/RHW-2, UL File # E90494
- UL 854 Type USE-2, UL File # E514203

Flame Test Compliances:

- For 1/0 AWG and larger: IEEE 383, IEEE 1202/CSA FT4, UL 1685

Other Compliances:

- EPA 40 CFR, Part 261 for leachable lead content per TCLP
- OSHA Acceptable
- RoHS Compliant

Packaging:

- Material cut to length and shipped on non-returnable wood reels

Catalog Number	Cond. Size (AWG Or kcmil)	Number of Wires	Nominal Conductor Diameter		Minimum Average Insulation Thickness		Nominal Cable Diameter		Copper Weight		Net Weight		Ampacity (1)
			Inches	mm	Inches	mm	Inches	mm	Lbs/1000 Ft	kg/km	Lbs/1000 Ft	kg/km	90°C

14 AWG - 1000 kcmil CONDUCTORS

5255.008	8	7	0.15	3.81	0.060	1.52	0.27	6.86	51	76	71	106	55
5255.006	6	7	0.18	4.57	0.060	1.52	0.31	7.87	81	121	103	154	75
5255.004	4	7	0.23	5.84	0.060	1.52	0.36	9.14	129	192	154	230	95
5255.002	2	7	0.29	7.37	0.060	1.52	0.42	10.67	205	305	231	344	130
5255.110	1/0	19	0.37	9.40	0.080	2.03	0.53	13.46	326	485	374	557	170
5255.210	2/0	19	0.41	10.41	0.080	2.03	0.58	14.73	411	612	465	692	195
5255.310	3/0	19	0.46	11.68	0.080	2.03	0.63	16.00	518	771	572	852	225
5255.410	4/0	19	0.52	13.21	0.080	2.03	0.69	17.53	653	972	713	1062	260
5255.250	250	37	0.56	14.22	0.095	2.41	0.77	19.56	772	1149	855	1273	290
5255.350	350	37	0.67	17.02	0.095	2.41	0.87	22.10	1081	1609	1172	1745	350
5255.500	500	37	0.80	20.32	0.095	2.41	1.00	25.40	1542	2295	1625	2419	430
5255.600	600	61	0.87	22.10	0.110	2.79	1.11	28.19	1883	2802	1974	2938	475
5255.750	750	61	0.98	24.89	0.110	2.79	1.22	30.99	2316	3447	2450	3646	535
5255.1000*	1000	61	1.13	28.70	0.110	2.79	1.37	31.80	3088	4595	3294	4902	615

Dimensions and weights are nominal; subject to industry tolerances.

* Non-stock item; minimum runs apply. Please consult Customer Service for price and delivery.

(1) Temperature, size and ampacity per National Electric Code, 2011 NEC Sections 110.14(c)(1) (a) & (b).

90°C – Wet or dry locations. For ampacity derating purposes.

Dwelling – For dwelling units, conductors shall be permitted as listed ampacities at 120/240-volt, 3-wire, single-phase services and feeders.



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