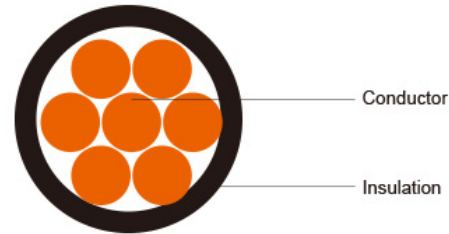


American Standard UL Industrial Cables RHH/RHW-2, 600V, Power Cable, CT Rated



Application and Description

Type RHH or RHW-2 or USE-2 conductors are for use in conduit or cable tray as specified in the NEC®. When used as Type USE-2 conductor is suitable for use as underground service entrance cable for direct burial at conductor temperatures not to exceed 90°C. When used as RHH or RHW-2, conductor temperatures shall not exceed 90°C in wet or dry locations. Voltage rating for RHH or RHW-2 or USE-2 conductors is 600V.

Cable Construction

Conductor

Stranded bare annealed soft copper

Insulation

Flame-retardant, abrasion, moisture and heat resistant Cross-Linked Polyethylene (FRXLPE)

Color

upon request, black is preferable

Technical Characteristics

- UL 44 - Thermoset-Insulated Wires and Cables
- UL 1581 - UL Flame Exposure Test (VW-1)
- UL 854 - Service Entrance Cables.
- UL 1685 - UL Flame Exposure Test
- ICEA S-95-658 (NEMA WC70)
- IEEE 1202/FT4 - Flame Test (4/0 and Larger) of Cables for Use in Cable Tray in Industrial and Commercial Occupancies (70,000 Btu/hr)
- ICEA S-95-658 (NEMA WC 70) construction requirements

Cable Parameter

AWG OR KCMIL	STRAND	CONDUCTOR DIAMETER		NOMINAL INSULATION THICKNESS		NOMINAL OVERALL DIAMETER		COPPER WEIGHT		CABLE WEIGHT	
		INCH	MM	INCH	MM	INCH	MM	LBS/KFT	KG/KM	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	403	600
2/0	19	0.41	10.41	0.080	2.03	0.58	14.73	411	612	501	746

4/0	19	0.52	13.21	0.080	2.03	0.69	17.53	653	972	760	1131
250	37	0.56	14.22	0.095	2.41	0.77	19.56	772	1149	906	1349
350	37	0.67	17.02	0.095	2.41	0.87	22.10	1081	1609	1237	1841
500	37	0.80	20.32	0.095	2.41	1.00	25.40	1542	2295	1730	2575
750	61	0.98	24.89	0.110	2.79	1.22	30.99	2316	3447	2576	3834
1000	61	1.13	28.70	0.110	2.79	1.37	34.80	3086	4593	3405	5068