



USE-2, RHH, RHW-2 Copper Conductor



APPLICATION: Type USE-2 or RHH or RHW-2 copper conductors are suitable for use in conduit and raceways installed underground in conduit, in wet locations, and where condensation and moisture accumulations within the conduit do not 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 USE-2 or RHH or RHW-2 conductors is 600 volts. Rated for 1,000 volts in RW90 applications per c(UL).

STANDARDS:

- Underwriter’s Laboratories UL 854, UL 44
- Federal Specification A-A-59544 Insulated Cable Engineers Association ICEA S-66-524
- NEMA Publication No. WC-70

SPECIFICATIONS:

- 90° C and Wet and Dry Locations
- 600 Volt Rated
- Gasoline and Oil Resistant II
- Cable Tray use 1/0 and larger
- -40° C

USE-2, RHH, RHW-2 Copper Conductor				Allowable Ampacities*			Approx Net WT./MFT
Size (AWG)	Stranding	Insulation Thickness XLPE (Inches)	Outside Diameter (Inches)	60°C	75°C	90°C	
14	7	0.045	0.163	N/A	N/A	25	20
12	7	0.045	0.182	N/A	N/A	30	29
10	7	0.045	0.206	N/A	N/A	40	42
8	7	0.060	0.266	40	50	55	72
6	7	0.060	0.304	55	65	75	106
4	7	0.060	0.352	70	85	95	157
3	7	0.060	0.380	85	100	110	201
2	7	0.060	0.412	95	115	130	237
1	19	0.080	0.481	110	130	150	309
1/0	19	0.080	0.520	125	150	170	382
2/0	19	0.080	0.564	145	175	195	471
3/0	19	0.080	0.614	165	200	225	587
4/0	19	0.080	0.670	195	230	260	729
250	37	0.095	0.732	215	255	290	861
300	37	0.095	0.784	240	285	320	1029
350	37	0.095	0.831	260	310	350	1193
400	37	0.095	0.875	280	335	380	1354
500	37	0.095	0.956	320	380	430	1676
600	61	0.110	1.086	355	420	475	2012

*Allowable ampacity shown above is per National Electrical Code. The above data is approximate and subject to normal manufacturing tolerances.

