

USE-2, RHH, RHW-2 COPPER CONDUCTOR

DESCRIPTION:

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 AND SPECIFICATIONS:

- 600V Rated
- UL 854, 44
- Cable Tray Use 1/0 & Larger
- NEMA Publication No. WC70
- Gasoline & Oil Resistant II
- Sunlight Resistant
- 90°C and Wet and Dry Locations
- -40°C
- RoHS and REACH Compliant
- Federal Specification A-A-59544
Insulated Cable Engineers
Association ICEA S-66-524
- ARRA 2009 Section 1605
"Buy American" Compliant

Conductor		Allowable Ampacities*					
Size (AWG)	Stranding	Insulation Thickness XLPE (Inches)	Outside Diameter (Inches)	60°C	75°C	90°C	Approx Net WT./MFT
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
750	61	0.110	1.335	455	545	615	2490

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



830 South West Street / Sikeston, MO 63801
800.325.8050 / F: 800.622.3355