

USE-2, RHH, RHW-2 ALUMINUM

DESCRIPTION:

Type USE-2, RHH, and RHW-2 conductors are primarily used in direct burial applications, conduit, or other recognized raceways for services and feeders as specified by the NEC (National Electrical Code). Suitable in wet locations and where condensation or moisture accumulation exist within the conduit or raceway. When used in applications specifying Type RHH or RHW-2, conductor temperatures shall not surpass 90°C in wet or dry locations. Type USE-2, RHH, and RHW-2 conductors are rated for 600 volts and consist of 8000 series aluminum alloy with cross-linked polyethylene (XLPE) insulation.

STANDARDS AND SPECIFICATIONS:

- 600V Rated
- UL 854, 44
- Sunlight Resistant
- 8000 Series Alloy
- Federal Spec JC-30B NEC

Conductor				Ampacity	
Size (AWG)	Stranding	Insulation Thickness	Nom. OD (Mils)	90°C USE-2/RHH/RHW-2	Approx Net WT./MFT
8	7	60	0.257	45	33
6	7	60	0.292	60	45
4	7	60	0.336	75	64
3	7	60	0.361	85	76
2	7	60	0.391	100	92
1	19	80	0.465	115	124
1/0	19	60	0.499	135	149
2/0	19	80	0.549	150	180
3/0	19	80	0.586	175	218
4/0	19	80	0.638	205	265
250 MCM	37	95	0.713	230	322
300 MCM*					
350 MCM	37	95	0.815	280	430
400 MCM*					
500 MCM	37	95	0.934	350	589
600 MCM	58	110	1.036	385	716
700 MCM*	58	110	1.108	420	822
750 MCM	58	110	1.148	435	875
900 MCM	58	110	1.268	480	1036
1000 MCM	58	110	1.303	500	1136

* Items subject to minimum order quantities. Please contact Alan Wire for additional information.