

Aluminum Use-2



Product Description

Annealed, solid or stranded aluminum alloy (EC1350) conductor, insulated with an abrasion, moisture, and heat resistant cross-linked (XLP) polyethylene.

Application

Type USE2 or RHW2 or RHH2 conductors are used in air, conduit or other approved raceways as specified in the national electrical code. USE2 or RHW2 or RHH2 can be used as underground service entrance cable, for direct burial at temperatures not to exceed 75°C; or when used as RHW2 conductor, temperatures are not to exceed 75°C in wet locations; or when used as RHH2 in dry locations, conductor temperatures are not to exceed 90°C. 250 MCM and larger sizes may be installed in tray per NEC Article 318. Conductor is rated 600 volts.

Product Data

Conductor Size (AWG or kcmil)	Stranding	Insulation Thickness (mils.)	Complete Cable Diameter (inches)	Allowable Ampacities+		Approx. Net Weight Per 1000' (lbs.)
				75°C	90°C	
8	7	60	.266	40	45	37
6	7	60	.304	40	45	50
4	7	60	.352	65	75	68
2	7	60	.412	90	100	96
1	19	80	.492	100	115	130
1/0	19	80	.533	120	135	155
2/0	19	80	.579	135	150	190
3/0	19	80	.630	155	175	230
4/0	19	80	.688	180	205	275
250	37	95	.765	205	230	320
300	37	95	.820	230	255	375
350	37	95	.871	250	280	440
400	37	95	.918	270	305	495
500	37	95	1.003	310	350	605
600	61	110	1.113	340	385	715
750	61	110	1.218	385	435	885
1000	61	110	1.372	445	500	1145

*Manufactured with pride in DeKalb, IL USA.

Specification Data

Underwriters laboratories standard 44 (RHW or RHH)

Underwriters laboratories standard 854 (USE)

Federal Specification J-C-30

National Electric Code