

RHW-2-RHH-USE-2 ALUMINUM CONDUCTOR - 600V



Application: Paramount Cables Type RHH or RHW-2 or USE-2 conductors are used with conduit as specified in the National Electrical Code. USE-2 where conductors are suitable for use as underground service entrance conductors for direct burial at conductor temperatures not to exceed 90°C in wet or dry locations.

Conductors: Compact soft drawn bare 8000 series Aluminum Alloy.

Insulation: Abrasion, heat and moisture resistant black cross-linked polyethylene insulation XLPE.

Standards: meets or exceed the following standards: UL 44 for RHH or RHW-2, UL 854 for USE-2. Requirements of the National Electrical Code ASTM standards B 800, B 801, Sunlight resistant, RoHS/Reach Compliant.

Conductor		Insulation Thickness (mils)	Nominal O.D. (mils)	Approx. Net wt. per 1000' (lbs)	Allowable Ampacities +		
Size (AWG or kcmil)	Stranding				60°C	70°C	90°C
6	7	60	283	44	40	50	60
4	7	60	333	64	55	65	75
2	7	60	388	93	75	90	100
1	19	80	459	124	85	100	115
1/0	19	80	496	149	100	120	135
2/0	19	80	538	180	115	135	150
3/0	19	80	583	218	130	155	175
4/0	19	80	635	266	150	180	205
250	37	95	710	322	170	205	230
300	37	95	760	377	190	230	255
350	37	95	806	431	210	250	280
400	37	95	849	484	225	270	305
500	37	95	926	590	260	310	350
600	61	110	1033	718	285	340	385
700	61	110	1100	829	310	375	420
750	61	110	1128	876	320	385	435
900	61	110	1222	1039	355	425	480
1000	61	110	1280	1138	375	445	500

1. Data are approximate and subject to normal manufacturing tolerances.
2. Standard lengths are subjects to normal manufacturing tolerance of +/- 10%