

ASTM B-230 Aluminum Wire, 1350-H19 for Electrical Purposes

ASTM B-231 Aluminum 1350 Conductors, Concentric-Lay-Stranded

ASTM B-609 Aluminum 1350 Round Wire, Annealed and Intermediate Tempers, for Electrical Purposes

ASTM B-901 Compressed Round Stranded Aluminum Conductors Using Single Input Wire

ANSI/ICEA S-66-524 Cross-Linked Polyethylene Insulated Wire & Cable for Transmission & Distribution 1998

ANSI/ICEA S-105-692 600 Volt Single Layer Thermoset Insulated Utility Underground Distribution Cables.

Federal Specification J-C-30B Federal Specification Cable And Wire, Electrical (power, Fixed Installation)

UL Standard 854 for Type USE-2

Code Name	Phase Conductor			Neutral			Single Phase Conductor (in)	Outside Diameter (in)	Weight Per 1000ft (lbs)	Ampacity	
	Size AWG	Strand	Insulation Thickness (mils)	Size AWG	Strand	Insulation thickness(mils)				Direct Burial	In Duct
Erksine	6	7/w	60	6	7/w	60	0.299	0.646	143	95	70
Vassar	4	7/w	60	4	7/w	60	0.345	0.754	203	125	90
Stephens	2	7/w	60	4	7/w	60	0.403	0.842	264	165	120
Ramapo	2	7/w	60	2	7/w	60	0.403	0.874	294	165	120
Brenau	1/0	19/w	80	2	7/w	60	0.522	1.064	408	215	160
Bergen	1/0	19/w	80	1/0	19/w	80	0.522	1.133	465	215	160
Converse	2/0	19/w	80	1	19/w	80	0.566	1.174	502	245	180
Hunter	2/0	19/w	80	2/0	19/w	80	0.566	1.228	560	245	180
Hollins	3/0	19/w	80	1/0	19/w	80	0.616	1.276	606	280	205
Rockland	3/0	19/w	80	3/0	19/w	80	0.616	1.336	678	280	205
Sweetbriar	4/0	19/w	80	2/0	19/w	80	0.672	1.389	739	315	240
Monmouth	4/0	19/w	80	4/0	19/w	80	0.672	1.457	828	315	240
Pratt	250	37/w	95	3/0	19/w	80	0.748	1.538	893	345	265
Wesleyan	350	37/w	95	4/0	19/w	80	0.851	1.736	1166	415	320
Holyoke	500	37/w	95	300	37/w	95	0.979	2.008	1607	495	395
Rider	500	37/w	95	350	37/w	95	0.979	2.035	1663	495	395
Fairfield	750	61/w	110	500	37/w	95	1.188	2.086	2304	615	525