



Underground Residential Distribution Cable For Electrical Transmission

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-786 19 Wire Combination Unilay-Stranded Aluminum Conductors for Subsequent Insulation

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

UL Standard 854 for Type USE

Code Name	Size AWG or MCM	Stranding	Insulation thickness (mils)	Outside diameter (inches)	Weight Per 1000 ft (lbs)	Ampacity (Amps)	
						Direct burial	In duct
All Aluminum							
Princeton	6	7/w	60	0.298	45	90	65
Mercer	4	7/w	60	0.345	64	120	85
Clemson	2	7/w	60	0.403	93	155	115
Kenyon	1	19/w	80	0.482	122	175	130
Harvard	1/0	19/w	80	0.522	148	200	150
Yale	2/0	19/w	80	0.566	179	225	170
Tufts	3/0	19/w	80	0.616	217	250	195
Beloit	4/0	19/w	80	0.672	265	290	225
Hofstra	250	37/w	95	0.748	317	320	250
Gonzaga	300	37/w	95	0.801	371	355	280
Rutgers	350	37/w	95	0.851	423	385	305
Emory	500	37/w	95	0.979	579	465	370
Duke	600	61/w	110	1.086	701	510	410
Furman	700	61/w	110	1.155	804	550	440
Sewanee	750	61/w	110	1.188	855	580	470
Fordham	1000	61/w	110	1.337	1109	670	545