

Quadruplex Conductor 600V 1Kv Underground Residential Distribution Cable

- 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-786 19 Wire Combination Unilay-Stranded Aluminum Conductors for Subsequent Insulation
- ASTM B-901 Compressed Round Stranded Aluminum Conductors Using Single Input Wire
- Federal Specification J-C-30B
- 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 (mls)	Size AWG	Strand	Breaking strength (lbs)				Direct burial	In duct
Tulsa	4	7/w	60	4	7/w	60	0.345	0.833	258	119	85
Dyke	2	7/w	60	4	7/w	60	0.403	0.938	346	153	115
Wittenberg	2	7/w	60	2	7/w	60	0.403	0.973	375	153	115
Notre Dame	1/0	19/w	80	2	7/w	60	0.522	1.188	541	198	150
Purdue	1/0	19/w	80	1/0	19/w	80	0.522	1.26	596	198	150
Syracuse	2/0	19/w	80	1/0	19/w	80	0.566	1.316	664	225	170
Lafayette	2/0	19/w	80	2/0	19/w	80	0.566	1.367	720	225	170
Swarthmore	3/0	19/w	80	1/0	19/w	80	0.616	1.43	805	250	195
Davidson	3/0	19/w	80	3/0	19/w	80	0.616	1.487	874	250	195
Wake Forest	4/0	19/w	80	2/0	19/w	80	0.672	1.56	979	290	225
Earlham	4/0	19/w	80	4/0	19/w	80	0.672	1.623	1066	290	225
Slippery Rock	350	37/w	95	4/0	19/w	80	0.851	1.945	1544	385	305
Wofford	500	37/w	95	350	37/w	95	0.851	2.348	2174	467	420