



Single Aluminum Conductor 600V URD

Code Word	Conductor Size	Nominal Insulation (mils)	Approx. O.D. (inches)	Estimated Weight lbs./1000 ft.		Ampacity Directly Buried
				Aluminum	Total	
Princeton	6	60	0.298	25	44	108
Mercer	4	60	0.345	39	63	140
Clemson	2	60	0.403	62	92	180
Kenyon	1	80	0.473	78	121	203
Harvard	1/0	80	0.512	99	146	231
Yale	2/0	80	0.555	125	177	263
Tufts	3/0	80	0.603	157	215	299
Beloit	4/0	80	0.658	198	263	338
Hofstra	250	95	0.732	234	314	368
Gonzaga	300	95	0.784	281	367	407
Rutgers	350	95	0.831	328	420	444
Dartmouth	400	95	0.875	376	476	475
Emory	500	95	0.956	469	577	540
Duke	600	110	1.060	562	697	595
Furman	700	110	1.127	656	804	645
Sewanee	750	110	1.159	703	853	667
Fordham	1000	110	1.304	937	1108	800

All values are nominal and subject to correction

Ampacity 90°C conductor temperatures, 20°C ambient temperature. RHO 90. 100% load factor. UL Standard 854 available upon request. Ampacity not for NEC applications.

Application: Aluminum 600V URD cable is designed for use in secondary distribution circuits, where installed in duct or direct burial applications. Maximum operating temperature is not to exceed 90°C in wet and dry locations. Voltage rating is 600 volts. As an option, this cable can provided pre-pulled into duct.

Conductors: A concentric strand or compressed 1350-H19 series aluminum conductor.

Insulation: A black cross linked polyethylene (XLP) insulation.

Standards: ASTM B-230
ASTM B-609
ICEA S-105-692
RUS ACCEPTED

1-800-945-5542

© Priority Wire & Cable, Little Rock, AR PWC-2017