



Code Word	Phase Conductor			Neutral			Single Phase Conductor	Complete Cable	Weight lbs./1000 ft.	Allowable Ampacity +	
	Size AWG	Stranding	Insulation Thickness (mils)	Size AWG	Stranding	Insulation Thickness (mils)				Direct Burial	In Duct
Vassar	4	7	60	4	7	60	345	745	191	125	90
Stephens	2	7	60	4	7	60	403	870	249	165	120
Ramapo	2	7	60	2	7	60	403	870	278	165	120
Brenau	1/0	19	80	2	7	60	512	1106	387	215	160
Converse	2/0	19	80	1	19	80	555	1199	478	245	180
Sweetbriar	4/0	19	80	2/0	19	80	658	1421	709	315	240
Monmouth	4/0	19	80	4/0	19	80	658	1421	796	315	240
Pratt	250	37	95	3/0	19	80	732	1581	853	345	265
Wesleyan	350	37	95	4/0	19	80	831	1795	1118	415	320

Triplex 8000 Series Conductor Aluminum 600V URD

Ampacity 90°C conductor temperatures, 20°C ambient temperature. RHO 90. 100% load factor for three conductor triplex with neutral carrying only unbalanced load. Ampacity not for NEC applications.

Application: Aluminum 8000 Series 600V URD cable is designed for use in secondary distribution circuits, where installed in duct or direct burial applications, where increased flexibility is needed. The conductors are rate Type RHHW-2 or USE-2. 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 provide pre-pulled into duct.

Conductors: Aluminum 8000 Series 600V URD cable has a concentric strand or compressed AA – 8000 series aluminum conductor. Conductors are cabled together, with a surface printing for identification. The neutral conductor has a yellow stripe and sequential footage markings.

Insulation: Aluminum 8000 Series 600V URD cable has a black cross-linked polyethylene (XLP) insulation.

Standards: UL 44 for type RHW-2
 UL 854 for type USE-2
 ASTM B-230
 ASTM B-231
 ASTM B-609
 ASTM B-901
 ICEA S-105-692
 Federal Specification J-C – 30B

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