

Triplex Aluminum Conductor 600V UD 8000

Application: Type 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 rated Type USE-2. Maximum operating temperature is not to exceed 90°C in wet and dry locations. The voltage rating is 600 volts. As an option, this cable can be provided pre-pulled into duct.

Conductors: Compact/Compressed bare AA-8000 series aluminum alloy, Class B stranded per ASTM.

Insulation: Phase Conductors – Black XLPE insulation
Neutral Conductors – Black XLPE with 3 extruded yellow stripes

Standards: ASTM B-800, ASTM B-801, UL 854 for Type USE-2.

Code Word	Phase Conductor			Neutral			Diameter (Inch)		Wt. (Lbs. / Mft)	Allowable Ampacities+	
	Size (AWG)	Stranding	Insul. Thick. (Mils)	Size (AWG)	Stranding	Insul. Thick. (Mils)	Single Phase Cond.	Complete Cable		Direct	In
										Burial	Ducts
TRIPLEXED WITH YELLOW EXTRUDED STRIPE NEUTRAL.											
Vassar	4	7	60	4	7	60	0.35	0.75	191	125	85
Stephens	2	7	60	4	7	60	0.40	0.87	246	165	120
Ramapo	2	7	60	2	7	60	0.40	0.87	290	165	120
Brenau	1/0	19	80	2	7	60	0.51	1.11	389	215	160
Converse	2/0	19	80	1	19	80	0.56	1.20	483	245	180
Sweetbriar	4/0	19	80	2/0	19	80	0.66	1.42	715	315	240
Monmouth	4/0	19	80	4/0	19	80	0.66	1.42	802	315	240
Pratt	250	37	95	3/0	19	80	0.75	1.62	867	345	265
Wesleyan	350	37	95	4/0	19	80	0.85	1.84	1,157	415	320

1. Data are approximate and subject to normal manufacturing tolerances.
2. Standard lengths are subject to normal manufacturing tolerance of +/- 10%
*Ampacity: 90 Degree Conductor Temperature, 20 Degree Ambient Temperature.