

6. Triplex Aluminum Conductor 600V UD

Application: Aly cable Type 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 be provided pre-pulled into duct.

Conductors: A concentric strand or compressed 1350 series Aluminum conductor.

Insulation: A black cross linked polyethylene (XLP) insulation, Insulated Conductors are cabled together, with surface printing for identification. The neutral conductor has a yellow stripe.



Standards: ASTM B-230, ASTM B-231, UL 854 for Type USE-2.

Code Word	Phase Conductor			Neutral			Diameter (Mils)		Wt Per 1000 feet (lbs)	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.											
Erskine	6	7	60	6	7	60	298	644	134	95	70
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
Bergen	1/0	19	80	1/0	19	80	512	1106	441	215	160
Converse	2/0	19	80	1	19	80	555	1199	478	245	180
Hunter	2/0	19	80	2/0	19	80	555	1199	535	245	180
Hollins	3/0	19	80	1/0	19	80	603	1302	581	280	205
Rockland	3/0	19	80	3/0	19	80	603	1302	651	280	205
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
Holyoke	500	37	95	300	37	95	980	2117	1545	495	395
Rider	500	37	95	350	37	95	980	2117	1598	495	395

1. Data are approximate and subject to normal manufacturing tolerances.
2. Standard lengths are subject to normal manufacturing tolerance of +/- 10%

