

# Triplex Secondary URD

## Secondary Underground Aluminum Cable

600V Phase to Phase  
Wet or Dry, 90°C



### Description:

May be used directly buried or installed in ducts in electrical distribution circuits not exceeding 600 volts phase-to-phase when installed as specified by the National Electrical Code® (NEC), and other applicable standards.

May be used in wet or dry locations at conductor temperatures not exceeding 90°C for normal operation, 130°C for emergency overloads and 250°C under short-circuit conditions.

### Materials:

**Conductors:** Hard-drawn stranded, compressed 1350 aluminum per ASTM-B230 and B901

**Two insulated conductors:** Black cross-linked polyethylene insulation

**One insulated conductor:** Black cross-linked polyethylene insulation with three continuous extruded yellow stripes 120° apart\*

All three conductors are twisted together with a left-hand lay not greater than 60 times the outside diameter of one phase conductor.

\*For NEC applications, one of the conductors may be re-identified during installation to comply with the requirements for neutral marking in Section 200.6. In utility applications, yellow stripe identification is commonly required by the utility standards.

### Standards:

ASTM-B230  
ASTM-B901  
ANSI/ICEA S-105-692  
UL 854 Service Entrance Cables

### Surface Print:

Sample: E302630 <AWG/  
kcmil (mm<sup>2</sup>) > AL TYPE USE-2  
(UL) 600V XLPE SUN RES <YEAR>  
PHASE A

Available  
colors:

● Black



Code Word	Phase Conductors		Neutral		Allowable Ampacities*		Diameter Complete Cable (inches)	Approx. Net Weight (Lbs/MFt)
	Size (AWG)	Insulation Thickness (in)	Size (AWG)	Insulation Thickness (in)	Direct Burial	In Ducts		
Erskine	6	0.060	6	0.060	95	70	0.64	143
Stephens	2	0.060	4	0.060	165	120	0.87	262
Ramapo	2	0.060	2	0.060	165	120	0.87	292
Bergen	1/0	0.080	1/0	0.080	215	160	1.11	463
Converse	2/0	0.080	1	0.080	245	180	1.20	501
Sweetbriar	4/0	0.080	2/0	0.080	315	240	1.42	737
Monmouth	4/0	0.080	4/0	0.080	315	240	1.42	826

### Quadruplexed 600V Secondary URD Aluminum

Dyke	2	0.060	4	0.060	155	115	0.97	359
Purdue	1/0	0.080	1/0	0.080	200	150	1.24	617
Syracuse	2/0	0.080	1	0.080	225	170	1.34	687

\*Ampacities are based on 90°C conductor temperature, 20°C ambient RHO-earth, for cables buried 36" deep, only the phase conductors carrying current, 100% load factor. DO NOT USE THESE NUMBERS FOR NEC® APPLICATIONS.

Data are approximate and subject to normal manufacturing tolerances.

It is the sole responsibility of the end user to determine suitability of this product for its intended use and application.