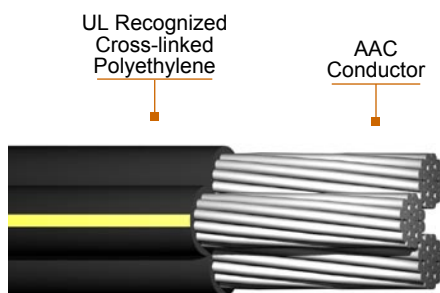


## Secondary UD Triple Rated Triplex 600V

600V Aluminum Conductor Cross-linked Polyethylene (XLPE) Insulation, Two Phase with Neutral



### Detail Description or Construction

#### Conductor

Compact, AA-8000 Series aluminum alloy, insulated with Cross-linked Polyethylene (XLPE). Neutrals are identified with triple solid yellow stripes. Two phase conductors and one neutral conductor cabled together.

### Application

The 600V Secondary UD Triple Rated Triplex Cable is mainly used for secondary distribution and underground service either direct burial or in ducts. The cable is designed for use at 600 volts or less, and ideal for underground service entrance (USE) in wet locations.

### Standards / Testing Specifications

Secondary UD single conductor 600V cable meets or exceeds the following ASTM specifications.

- ASTM B400, B800 and B801
- UL44 (for RHH / RHW-2) and UL854 (for USE-2)

Secondary UD Triple Rated 600V cable meets or exceeds all applicable requirements of ICEA S-105-692.

### Marking

#### Phase conductors

UL FILE SIZE(AWG or KCMIL)AA-8000 AL TYPE USE-2 OR RHH OR RHW-2 600V XLPE (UL)(Year of manufacture) PHASE (A or B).

#### Neutral conductor

UL FILE SIZE (AWG or KCMIL) AA-8000 AL TYPE USE-2 OR RHH OR RHW-2 600V XLPE (UL) (Year of manufacture).

Sequential footage markings optional on phase B conductor.

### Installation

For secondary distribution and underground service either direct burial or in ducts



## Secondary UD Triple Rated Triplex 600V

600V Aluminum Conductor Cross-linked Polyethylene (XLPE) Insulation, Two Phase with Neutral

Code Word	Phase Conductor			Neutral			Diameter		Approx. Weight per lb/1000 ft	Allowable Ampacities (Raceway, Cable, In Ducts)
	Size	Number of Wires	Insulation Thickness	Size	Number of Wires	Insulation Thickness	Single Phase Conductor	Complete Cable		
	AWG or Kcmil		in	AWG or Kcmil		in	in			
TRIPLEXED WITH TRIPLE SOLID YELLOW STRIPES NEUTRAL										
Erskine	6	7	0.060	6	7	0.060	0.289	0.622	138	70
Vassar	4	7	0.060	4	7	0.060	0.333	0.717	194	85
Stephens	2	7	0.060	4	7	0.060	0.388	0.836	250	110
Ramapo	2	7	0.060	2	7	0.060	0.388	0.836	279	110
Brenau	1/0	19	0.080	2	7	0.060	0.496	1.070	394	150
Bergen	1/0	19	0.080	1/0	19	0.080	0.496	1.070	452	150
Converse	2/0	19	0.080	1	19	0.080	0.537	1.156	498	165
Hunter	2/0	19	0.080	2/0	19	0.080	0.537	1.156	546	165
Hollins	3/0	19	0.080	1/0	19	0.080	0.585	1.261	591	190
Rockland	3/0	19	0.080	3/0	19	0.080	0.585	1.261	661	190
Sweetbriar	4/0	19	0.080	2/0	19	0.080	0.636	1.371	717	225
Monmouth	4/0	19	0.080	4/0	19	0.080	0.636	1.371	803	225
Pratt	250	37	0.095	3/0	19	0.080	0.709	1.529	870	250
Wesleyan	350	37	0.095	4/0	19	0.080	0.808	1.741	1,135	305
Newark	350	37	0.095	350	37	0.095	0.808	1.741	1,301	305
Holyoke	500	37	0.095	300	37	0.095	0.926	1.995	1,580	380
Rider	500	37	0.095	350	37	0.095	0.926	1.995	1,616	380
Seton Hall	750	61	0.110	750	61	0.110	1.126	2.425	2,634	470



## Secondary UD Triple Rated Triplex 600V

600V Aluminum Conductor Cross-linked Polyethylene (XLPE) Insulation, Two Phase with Neutral

Code Word	Phase Conductor			Neutral			Diameter		Approx. Weight per kg / km	Allowable Ampacities (Raceway, Cable, In Ducts)
	Size	Number of Wires	Insulation Thickness	Size	Number of Wires	Insulation Thickness	Single Phase Conductor	Complete Cable		
	AWG or Kcmil		mm	AWG or Kcmil		mm	mm			
TRIPLEXED WITH TRIPLE SOLID YELLOW STRIPES NEUTRAL										
Erskine	6	7	1.52	6	7	1.52	7.3	15.8	205	70
Vassar	4	7	1.52	4	7	1.52	8.5	18.2	288	85
Stephens	2	7	1.52	4	7	1.52	9.9	21.2	372	110
Ramapo	2	7	1.52	2	7	1.52	9.9	21.2	415	110
Brenau	1/0	19	2.03	2	7	1.52	12.6	27.2	587	150
Bergen	1/0	19	2.03	1/0	19	2.03	12.6	27.2	673	150
Converse	2/0	19	2.03	1	19	2.03	13.6	29.4	740	165
Hunter	2/0	19	2.03	2/0	19	2.03	13.6	29.4	812	165
Hollins	3/0	19	2.03	1/0	19	2.03	14.9	32.0	880	190
Rockland	3/0	19	2.03	3/0	19	2.03	14.9	32.0	984	190
Sweetbriar	4/0	19	2.03	2/0	19	2.03	16.2	34.8	1,068	225
Monmouth	4/0	19	2.03	4/0	19	2.03	16.2	34.8	1,195	225
Pratt	250	37	2.41	3/0	19	2.03	18.0	38.8	1,295	250
Wesleyan	350	37	2.41	4/0	19	2.03	20.5	44.2	1,689	305
Newark	350	37	2.41	350	37	2.41	20.5	44.2	1,937	305
Holyoke	500	37	2.41	300	37	2.41	23.5	50.7	2,352	380
Rider	500	37	2.41	350	37	2.41	23.5	50.7	2,405	380
Seton Hall	750	61	2.79	750	61	2.79	28.6	61.6	3,920	470