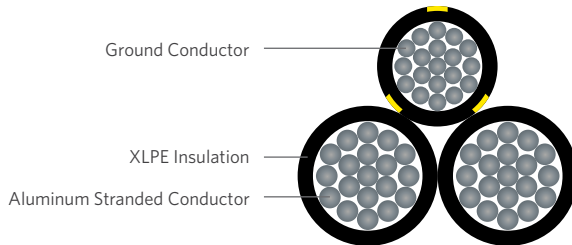


# XLPE, Triplex 600V Power, UL Type USE-2, Secondary UD

Series E9BBA



## PRODUCT DESCRIPTION

The Superior Essex XLPE, Triplex 600V Power, Type Secondary UD Cable consists of 2 conductors plus 1 ground cabled together to form a Triplex assembly, Class B stranded aluminum conductors, covered with Cross-linked Polyethylene (XLPE) insulation. These cables are for underground power distribution operated at 600V or less.

## APPLICATIONS

- Suitable for underground primary power applications
- For wet or dry locations
- For direct burial or in duct

## FEATURES

- High dielectric strengths
- Low moisture absorption
- Low dielectric loss
- Designed to operate at 90°C in wet or dry locations
- Resistant to abrasion, impact and sunlight

## MARKETS



## SPECIFICATIONS

<b>Conductor Count</b>	Triplex
<b>Conductor</b>	Aluminum 1350-H19 compressed lay stranded Class B
<b>Gauge Sizes</b>	Available in 6 AWG through 750 kcmil
<b>Insulation</b>	Cross-linked Polyethylene (XLPE)
<b>Phase Identification</b>	Phase conductors are solid black, identified in the print string (PHASE A, PHASE B), and the ground conductor with 3 yellow extruded stripes
<b>Phase Conductor Insulation Marking</b>	SUPERIOR ESSEX ## AWG (or KCMIL) AL ## MIL XLPE 600V 90C WET OR DRY TYPE USE-2 (UL) PHASE X
<b>Ground Conductor Insulation Marking</b>	00000 FT SUPERIOR ESSEX ## AWG (or KCMIL) AL ## MIL XLPE 600V 90C WET OR DRY TYPE USE-2 (UL) MADE IN USA MMDDYYYY
<b>Packaging</b>	Non-returnable wood reels in a variety of lengths and dimensions
<b>Performance Compliance</b>	ASTM B-230 ASTM B-231 UL® 854 ICEA S-105-692
<b>Other Compliances</b>	EPA 40 CFR, Part 261 OSHA RoHS-compliant/RoHS-compliant REACH-compliant

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## PRODUCT KEY

Conductor	Stranding	Voltage	Insulation	Shielding
Al	B	600V	XLPE	NONE

**PART NUMBERS AND PHYSICAL CHARACTERISTICS**

Part Number	Code Word	Conductor		Neutral		Nominal Overall Diameter <sup>1</sup> in (mm)	Nominal Net Weight <sup>1</sup> lbs/kft (kg/km)	Ampacities	
		Size AWG/kcmil (Number of Wires)	Nominal Insulation Thickness <sup>1</sup> in (mm)	Size AWG/kcmil (Stranding)	Nominal Insulation Thickness <sup>1</sup> in (mm)			Underground Duct <sup>2</sup>	Direct Buried <sup>2</sup>
E9BBA-ERSKINE00	Erskine	6 (7)	0.060 (1.52)	6 (7)	0.060 (1.52)	0.648 (16.5)	133 (193)	68	105
E9BBA-VASSAR00	Vassar	4 (7)	0.060 (1.52)	4 (7)	0.060 (1.52)	0.748 (19.0)	190 (275)	88	137
E9BBA-STEPHENS00	Stephens	2 (7)	0.060 (1.52)	4 (7)	0.060 (1.52)	0.857 (21.8)	248 (359)	118	177
E9BBA-RAMAPO00	Ramapo	2 (7)	0.060 (1.52)	2 (7)	0.060 (1.52)	0.877 (22.3)	277 (401)	118	177
E9BBA-BRENAU00	Brenau	1/0 (19)	0.080 (2.03)	2 (7)	0.060 (2.03)	1.069 (27.1)	384 (556)	158	228
E9BBA-BERGEN00	Bergen	1/0 (19)	0.080 (2.03)	1/0 (19)	0.080 (2.03)	1.109 (28.2)	437 (633)	158	228
E9BBA-CONVERSE00	Converse	2/0 (19)	0.080 (2.03)	1 (19)	0.080 (2.03)	1.173 (29.8)	474 (686)	180	260
E9BBA-HUNTER00	Hunter	2/0 (19)	0.080 (2.03)	2/0 (19)	0.080 (2.03)	1.203 (30.6)	530 (768)	180	260
E9BBA-HOLLINS00	Hollins	3/0 (19)	0.080 (2.03)	1/0 (19)	0.080 (2.03)	1.274 (32.4)	576 (834)	207	297
E9BBA-ROCKLAND00	Rockland	3/0 (19)	0.080 (2.03)	3/0 (19)	0.080 (2.03)	1.304 (33.1)	645 (934)	207	297
E9BBA-SWEETBRIAR00	Sweetbriar	4/0 (19)	0.080 (2.03)	2/0 (19)	0.080 (2.03)	1.384 (35.1)	702 (1,017)	240	337
E9BBA-MONMOUTH00	Monmouth	4/0 (19)	0.080 (2.03)	4/0 (19)	0.080 (2.03)	1.424 (36.2)	789 (1,143)	240	337
E9BBA-PRATT00	Pratt	250 (37)	0.095 (2.41)	3/0 (19)	0.080 (2.03)	1.560 (39.6)	852 (1,234)	265	367
E9BBA-WESLEYAN00	Wesleyan	350 (19)	0.095 (2.41)	4/0 (37)	0.080 (2.03)	1.748 (44.4)	1,111 (1,609)	323	442
E9BBA-RIDER00	Rider	500 (37)	0.095 (2.41)	350 (37)	0.095 (2.41)	2.072 (52.6)	1,596 (2,311)	402	535

<sup>1</sup>The dimensions and weights shown are nominal and subject to industry standards and manufacturing tolerances. Other designs available upon request.

<sup>2</sup>Ampacities are based on 90°C Conductor temperature, 20°C ambient, RHO 90, 100% load factor for three conductor triplex with neutral carrying only unbalanced load.