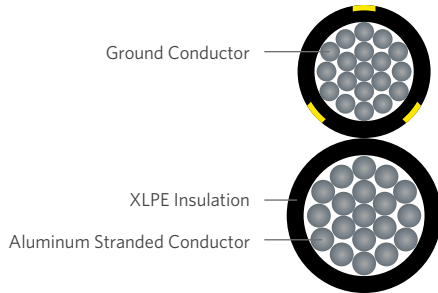


XLPE, Duplex 600V Power, UL Type USE-2, Secondary UD

Series E9BBA



PRODUCT DESCRIPTION

The Superior Essex XLPE, Duplex 600V Power, Type Secondary UD Cable consists of 1 conductor plus 1 ground cabled together to form a Duplex 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

Conductor Count	Duplex
Conductor	Aluminum 1350 -HI9compressed lay stranded Class B
Gauge Sizes	Available in 6 AWG through 350 kcmil
Insulation	Cross-linked Polyethylene (XLPE)
Phase Identification	Phase conductor is solid black, identified in the print string (PHASE A), and the ground conductor with 3 yellow extruded stripes
Phase Conductor Insulation Marking	SUPERIOR ESSEX ## AWG (or KCMIL) AL ## MIL XLPE 600V 90C WET OR DRY TYPE USE-2 (UL) PHASE X
Ground Conductor Insulation Marking	00000 FT SUPERIOR ESSEX ## AWG (or KCMIL) AL ## MIL XLPE 600V 90C WET OR DRY TYPE USE-2 (UL) MADE IN USA MMDDYYYY
Packaging	Non-returnable wood reels in a variety of lengths and dimensions
Performance Compliance	ASTM B-230 ASTM B-231 UL® 854 ICEA S-105-692
Other Compliances	EPA 40 CFR, Part 261 OSHA RoHS-compliant/RoHS-compliant REACH-compliant

UL is a registered trademark of UL LLC.

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 ¹ in (mm)	Nominal Net Weight ¹ lbs/kft (kg/km)	Ampacities	
		Size AWG/kcmil (Number of Wires)	Nominal Insulation Thickness ¹ in (mm)	Size AWG/kcmil (Stranding)	Nominal Insulation Thickness ¹ in (mm)			Underground Duct ²	Direct Buried ²
E9BBA-CLAFLIN00	Clafin	6 (7)	0.060 (1.52)	6 (7)	0.060 (1.52)	0.605 (15.4)	89 (129)	68	105
E9BBA-DELGAD00	Delgado	4 (7)	0.060 (1.52)	4 (7)	0.060 (1.52)	0.697 (17.7)	127 (184)	88	137
E9BBA-EVERETT00	Everett	2 (7)	0.060 (1.52)	2 (7)	0.060 (1.52)	0.815 (20.7)	185 (268)	118	183
E9BBA-FINDLAY00	Findlay	2/0 (19)	0.080 (2.03)	2/0 (19)	0.080 (2.03)	1.120 (28.4)	353 (511)	180	268
E9BBA-HANOVER00	Hanover	4/0 (19)	0.080 (2.03)	4/0 (19)	0.080 (2.03)	1.325 (33.7)	526 (762)	293	436

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

²Ampacities 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.