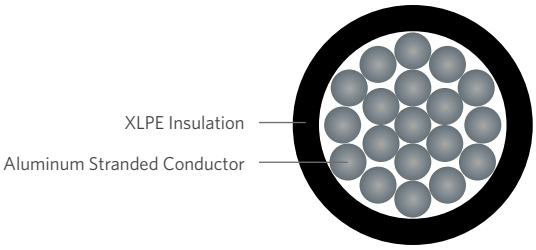
XLPE, Single 600V Power, UL Type USE-2, Secondary UD

Series E9BBA



PRODUCT DESCRIPTION

The Superior Essex XLPE, Single 600V Power, Type Secondary UD Cable consists of 1 conductor, 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	Singles
Conductor	Aluminum 1350-HI9 compressed lay stranded Class B
Gauge Sizes	Available in 6 AWG through 1000 kcmil
Insulation	Cross-linked Polyethylene (XLPE)
Phase Identification	Solid black conductor with print string
Phase 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

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PRODUCT KEY

Conductor	Stranding	Voltage	Insulation	Shielding
Al	B	600V	XLPE	~~NONE~~

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PART NUMBERS AND PHYSICAL CHARACTERISTICS

Part Number	Code Word	Conductor Size AWG/kcmil (Number of Wires)	Nominal Insulation Thickness[1] in (mm)	Nominal Overall Diameter[1] in (mm)	Nominal Net Weight[1] lbs/kft (kg/km)	Ampacities	
						Underground Duct[2]	Direct Buried[2]
E9BBA-PRINCET00	Princeton	6 (7)	0.060 (1.52)	0.303 (7.7)	44 (64)	60	92
E9BBA-MERCER00	Mercer	4 (7)	0.060 (1.52)	0.348 (8.8)	63 (91)	80	122
E9BBA-CLEMSON00	Clemson	2 (7)	0.060 (1.52)	0.404 (10.3)	92 (133)	107	157
E9BBA-KENYON000	Kenyon	1 (19)	0.080 (2.03)	0.474 (12.0)	120 (174)	123	177
E9BBA-HARVARD00	Harvard	1/0 (19)	0.080 (2.03)	0.514 (13.1)	145 (210)	142	202
E9BBA-YALE00	Yale	2/0 (19)	0.080 (2.03)	0.558 (14.2)	176 (255)	165	227
E9BBA-TUFTS00	Tufts	3/0 (19)	0.080 (2.03)	0.604 (15.3)	214 (310)	190	258
E9BBA-BELOIT00	Beloit	4/0 (19)	0.080 (2.03)	0.663 (16.8)	262 (379)	218	295
E9BBA-HOFSTRA00	Hofstra	250 (37)	0.095 (2.41)	0.747 (19.0)	317 (459)	242	323
E9BBA-GONZAGA00	Gonzaga	300 (37)	0.095 (2.41)	0.782 (19.9)	369 (534)	278	358
E9BBA-RUTGERS00	Rutgers	350 (37)	0.095 (2.41)	0.850 (21.6)	426 (617)	297	388
E9BBA-DARTMOUT00	Dartmouth	400 (37)	0.095 (2.41)	0.900 (22.9)	479 (694)	325	420
E9BBA-EMORY00	Emory	500 (37)	0.095 (2.41)	0.987 (25.1)	584 (846)	365	468
E9BBA-DUKE00	Duke	600 (61)	0.110 (2.79)	1.088 (27.6)	707 (1,024)	415	518
E9BBA-FURMAN00	Furman	700 (61)	0.110 (2.79)	1.158 (29.4)	811 (1,175)	448	560
E9BBA-SEWANEE00	Sewanee	750 (61)	0.110 (2.79)	1.196 (30.4)	864 (1,251)	468	583
E9BBA-FORDHAM00	Fordham	1000 (61)	0.110 (2.79)	1.346 (34.2)	1,122 (1,625)	548	673

[1]The dimensions and weights shown are nominal and subject to industry standards and manufacturing tolerances. Other designs available upon request.
[2]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.