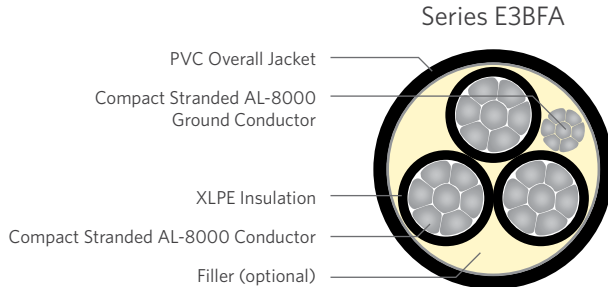
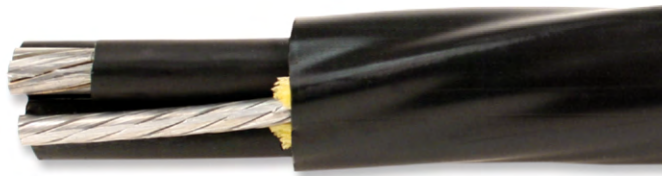


XLPE/PVC, 600V Power, Type TC-ER, AL-8000

Series E3BF



PRODUCT DESCRIPTION

The Superior Essex XLPE/PVC, 600V Power, Type TC-ER Cable consist of compact stranded AL-8000 series Aluminum Alloy conductors, covered with Cross-linked Polyethylene (XLPE) insulation, unshielded or shielded and black PVC jacket. These cables are used in industrial power.

APPLICATIONS

- In conduit, duct, free air, raceways and direct burial, primary installations include cable trays, and outdoor locations
- In wet or dry locations
- Approved for direct burial, Class I Div. 2 industrial hazardous locations per NEC
- Permitted for Exposed Run (ER) use in accordance with NEC for 3 or more conductors

FEATURES

- Rated at 90°C wet or dry
- Ripcord (for jackets under 60-mils)
- Excellent sunlight resistance
- Smallest O.D. available for suitable applications
- Meets cold bend test at -25°C

SPECIFICATIONS

Conductor Count	Available in 3 or 4 conductors
Conductor	Compact stranded AL-8000 series Aluminum Alloy
Gauge Sizes	Available in 2 AWG through 4/0 AWG
Insulation	Cross-linked Polyethylene (XLPE)
Color Coding	Per ICEA S-58-679 Method 4; additional color coding options available
Fillers	Non-hygroscopic fillers, as necessary to obtain a circular cross section
Ground Conductor	Uninsulated compact stranded AL-8000 series Aluminum Alloy ground
Jacket	Polyvinyl Chloride (PVC)
Jacket Marking	00000 FT SUPERIOR ESSEX XXAWG CMPCT AL-8000 X/C WITH GND XHHW-2 PVC JKT 600V 90C DRY OR WET TYPE TC-ER (UL) SUN RES DIR BURIAL MADE IN USA MMDDYYYY
Packaging	Non-returnable wood reels in a variety of lengths and dimensions
Performance Compliance	ASTM B-800 ASTM B-836 UL 44 UL 1277 ICEA S-95-658/NEMA WC70 NEC
Other Compliances	EPA 40 CFR, Part 261 OSHA RoHS-Compliance

PRODUCT KEY

Conductor	Stranding	Voltage	Insulation	Shielding	Jacket
AI	CMPCT	600V	XLPE	NONE	PVC

PART NUMBERS AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Count	Conductor Size AWG/kcmil	Ground Size AWG	Insulation Thickness in (mm)	Jacket Thickness in (mm)	Overall Diameter in (mm)	Net Weight lbs/kft (kg/km)
E3BFA-024E03CE00	3	2	6	0.045 (1.14)	0.080 (2.03)	0.97 (24.7)	508 (756)
E3BFA-024E04CE00	4	2	6	0.045 (1.14)	0.080 (2.03)	1.07 (27.2)	551 (820)
E3BFA-014E03CE00	3	1	4	0.055 (1.40)	0.080 (2.03)	1.08 (27.4)	609 (906)
E3BFA-014E04CE00	4	1	4	0.055 (1.40)	0.080 (2.03)	1.19 (30.2)	694 (1,033)
E3BFA-1A4E03CE00	3	1/0	4	0.055 (1.40)	0.080 (2.03)	1.17 (29.6)	658 (979)
E3BFA-1A4E04CE00	4	1/0	4	0.055 (1.40)	0.080 (2.03)	1.29 (32.7)	806 (1,199)
E3BFA-2A4E03CE00	3	2/0	4	0.055 (1.40)	0.080 (2.03)	1.25 (31.8)	758 (1,128)
E3BFA-2A4E04CE00	4	2/0	4	0.055 (1.40)	0.080 (2.03)	1.38 (35.1)	952 (1,417)
E3BFA-3A4E03CE00	3	3/0	4	0.055 (1.40)	0.080 (2.03)	1.35 (34.4)	892 (1,327)
E3BFA-3A4E04CE00	4	3/0	4	0.055 (1.40)	0.080 (2.03)	1.50 (38.0)	1,117 (1,662)
E3BFA-4A4E03CE00	3	4/0	2	0.055 (1.40)	0.080 (2.03)	1.46 (37.1)	1,149 (1,709)
E3BFA-4A4E04CE00	4	4/0	2	0.055 (1.40)	0.110 (2.79)	1.62 (41.2)	1,365 (2,031)

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