

## XLPE/PVC, 600V Type TC-ER, Shielded

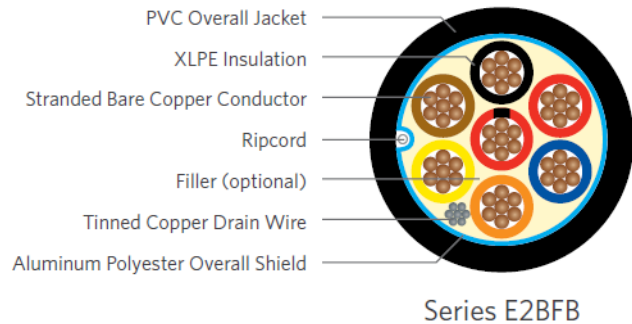
Part Number E2BFB-121B12CB00

### DESCRIPTION

The XLPE/PVC, 600V Type TC-ER Cables consist of fully annealed bare copper Class B stranded conductors, covered with Cross-linked Polyethylene (XLPE) insulation, aluminum polyester shield in contact with 20 AWG stranded tinned copper drain and black PVC jacket. These cables are used in industrial power or station control circuits.

### APPLICATION

- 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



### SPECIFICATIONS

<b>Conductor</b>	Bare Copper, Class B strand
<b>Insulation</b>	XLPE (XHHW-2)
<b>Color code<sup>1</sup></b>	Per ICEA S-58-679, Method 1, Table E-2 (K-2)
<b>Shield</b>	Aluminum polyester tape
<b>Jacket</b>	PVC

<b>Packaging</b>	Non-returnable reels
<b>Performance</b>	ASTM B8 ASTM B33
<b>Compliance</b>	UL 44 UL 1277 ICEA S-73-532 ICEA S-95-658 NEC
<b>Other Compliances</b>	EPA 40 CFR, Part 261 OSHA RoHS-compliant

### PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Count	Conductor Size (AWG/kcmil)	Insulation Thickness (in.)	Jacket Thickness (in.)	OD (in.)	Net Weight (lbs./MFT)
E2BFB-121B12CB00	12	12 AWG	0.030	0.060	0.0780	395

The dimensions and weights shown are nominal and subject to industry standards

<sup>1</sup>Other color codes are available, MOQ may apply