

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

DESCRIPTION

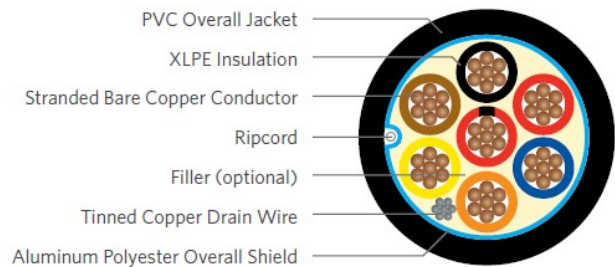
The XLPE/PVC, 600V Type TC-ER Cables consist of fully annealed bare copper Class B stranded conductors, covered with Cross-linked Polyethylene (XLPE) insulation, aluminum polyester shield in contact with 20 AWG stranded tinned copper drain and black PVC jacket. These cables are used in industrial power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

APPLICATIONS

- In conduit, duct, free air raceways and direct burial, primary installations include cable trays, and outdoor locations.
- In wet or dry locations. Rated at 90°C wet and dry.
- Approved for Class I Div. 2 industrial hazardous locations per NEC
- Permitted for Exposed Run (ER) use in accordance with NEC for 3 or more conductors
- Ripcord (for jackets with thicknesses of 60-mils or less)
- Excellent sunlight resistance
- Meets cold bend test at -25°C

CONSTRUCTION

CONDUCTOR	Bare Copper, Class B Strand
INSULATION	Crosslinked Polyethylene (XLPE) <ul style="list-style-type: none"> • 14 AWG and larger are type XHHW-2
COLOR CODE	ICEA S-58-679 Method 1, Table E-2
JACKET	Polyvinyl Chloride (PVC)
PACKAGING	Wooden reels



SERIES E2BFB

STANDARDS (Compliance)

STANDARDS & PERFORMANCE	ASTM B8
	ASTM B33
	ICEA S-95-658
	NEC
	UL 44
	UL 1277
	UL 1685 (Flame exposure test)

OTHER	EPA 40 CFR, PART 261
	OSHA
	RoHS/RoHS 2-compliant
	REACH-compliant

SPECIFICATIONS

Part Number	Conductor Size AWG or kcmil	Conductor Count	Insulation Thickness (in)	Jacket Thickness (in)	Approx. O.D (in)	Approx. Net Weight (lbs / Mft)
E2BFB-101B04CB00	10	4	0.030	0.060	0.53	202
E2BFB-121B05CB00	12	5	0.030	0.045	0.51	175
E2BFB-121B09CB00	12	9	0.030	0.060	0.69	310

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