

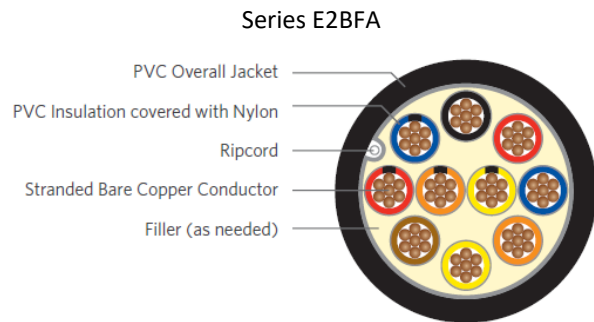
XLPE/PVC, 600V Type TC, LV Control Series B2BF

DESCRIPTION

The XLPE/PVC, 600V Control, Type TC Cables consist of fully annealed bare copper Class B stranded conductors, covered with Cross-linked Polyethylene (XLPE), unshielded or shielded 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.
- For wet or dry locations
- Approved for Class I Div. 2, industrial hazardous locations per NEC
- Permitted for Exposed Run (ER) used in accordance with NEC for 3 or more conductors



CONSTRUCTION	
CONDUCTOR	Bare Copper, Class B Strand
INSULATION	XLPE (XHHW-2)
FILLERS	Non-hygroscopic fillers, as necessary to obtain a round finish conductor
JACKET	PVC
PACKAGING	Non-returnable reels

STANDARDS (Compliance)	
PERFORMANCE	ASTM B8 UL 44 UL 1277 UL 1685 ICEA S-73-532 ICEA S-95-658
OTHER	EPA 40 CFR, PART 261 OSHA RoHS-compliant / RoHS 2-compliant REACH-compliant

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Count	Conductor Size (AWG /kcmil)	Insulation Thickness (in)	Jacket Thickness (in)	O.D (in)	Net Weight (lbs / Mft)	Color Code	Ampacity ² 90°C (Amps)
E2BFA-101B03CQ00	3	10	0.030	0.045	0.48	154	BLACK, RED, GREEN	40

² Ampacities are based on NEC, 2017 Edition Table 310.15(B)(16) Allowable Ampacities of Insulated Conductors Rated up to and including 2000 Volts, based on Ambient Temperature of 30°C