

PVC/Nylon/PVC, 600V Instrumentation Type TC-ER, Pairs and Triads Series E1BE

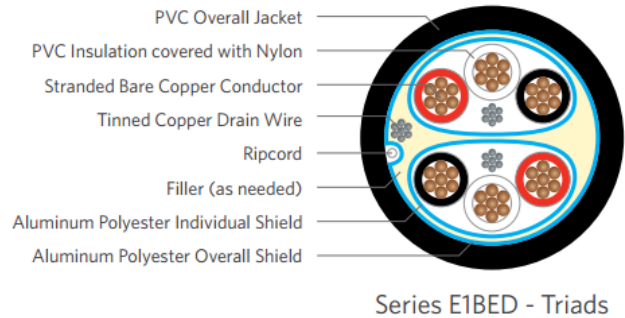
Part #: E1BED-161B12TJ00

DESCRIPTION

The PVC/Nylon/PVC, 600V Instrumentation Type TC-ER Cables consist of fully annealed bare copper Class B stranded conductors (in pairs or triads), covered with Polyvinyl Chloride (PVC) and clear Nylon insulation, overall and/or individually shielded and black PVC jacket. These cables are used control systems, audio, intercom, alarm circuits and energy management.

APPLICATION

- In free air, ducts, cable trays, conduit, raceways and direct burial.
- Approved for direct burial, Class I Div. 2 industrial hazardous locations per NEC.
- Used as a non-power-limited fire alarm circuit cable (NPLF) per NEC Article 760
- Permitted for Exposed Run (ER) used in accordance with NEC for 3 or more conductors; two conductors without a ground wire are Type TC only.



SPECIFICATIONS

Conductor	Bare Copper, Class B strand
Insulation	PVC/Nylon
Shield	Individually (IS) and Overall (OS) Shield Alum-polyester in contact with drain wire.
Jacket	PVC

Packaging	Non-returnable reels
Performance Compliance	ASTM B8
	ASTM B33
	UL 66
	UL 83
	UL 1277
Other Compliances	ICEA S-73-532
	NEC
	EPA 40 CFR, Part 261
	OSHA
	RoHS-compliant

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Triad Count	Cond Size AWG	Insulation Thickness inches	Jacket Thickness inches	OD inches	Net Weight lbs/mft
E1BED-161B12TJ00	12	16	0.020	0.080	1.07	630

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