

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

### Series E1BE

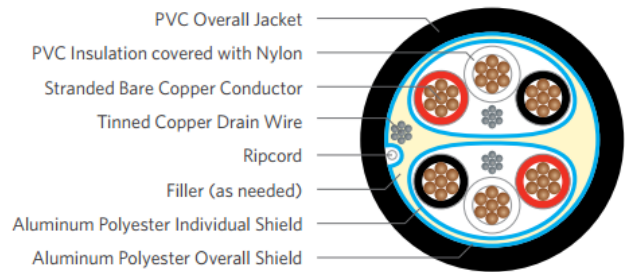
Part #: E1BED-161B24TJ00

#### 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.



Series E1BED - Triads

#### SPECIFICATIONS

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

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

#### PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Triad Count	Conductor Size AWG	Insulation Thickness (in.)	Jacket Thickness (in.)	OD (in.)	Net Weight (lbs./MFT)
E1BED-161B24TJ00	24	16	0.020	0.080	1.40	652

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