

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

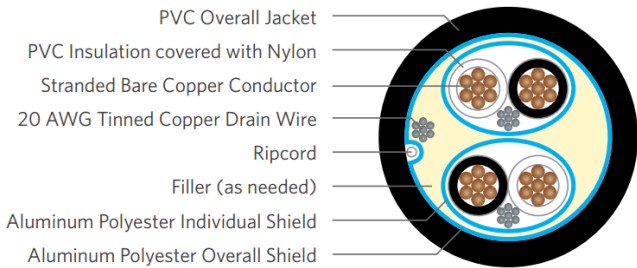
Part #: E1BED-181B08PJ00

### 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

<b>Conductor</b>	Bare Copper, Class B strand	<b>Packaging</b>	Non-returnable reels
<b>Insulation</b>	PVC/Nylon	<b>Performance</b>	ASTM B8
<b>Shield</b>	<b>Individually (IS) and Overall (OS) Shield Alum-polyester in contact with drain wire</b>	<b>Compliance</b>	ASTM B33 UL 66 UL 83 UL 1277 ICEA S-73-532 NEC
<b>Jacket</b>	PVC	<b>Other Compliances</b>	EPA 40 CFR, Part 261 OSHA RoHS-compliant

### PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Pair Count	Conductor Size AWG	Insulation Thickness (in.)	Jacket Thickness (in.)	OD (in.)	Net Weight lbs./MFT
E1BED-181B08PJ00	08	18	0.020	0.060	0.71	721

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