

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

Part #: E1BED-161B08PJ00

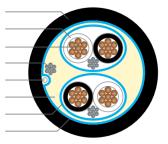
DESCRIPTION

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.

PVC Overall Jacket PVC Insulation covered with Nylon Stranded Bare Copper Conductor 20 AWG Tinned Copper Drain Wire Ripcord Filler (as needed) Aluminum Polyester Individual Shield Aluminum Polyester Overall Shield



SPECIFICATIONS

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Conductor	Bare Copper, Class B strand	Packagi	ng Non-returnable reels
Insulation	PVC/Nylon	Perform	nance ASTM B8
Shield	Individually (IS) and Overall (OS) Shield Alum-polyester in contact with drain wire		ASTM B33
Jacket	PVC	Complia	ance UL 1277 ICEA S-73-532 NEC

	NEC
Other	EPA 40 CFR, Part 261
	OSHA
Compliances	RoHS-compliant

PART NUMBER AND PHYSICAL CHARACTERISTICS									
Pair Count	Conductor Size AWG	Insulation Thickness (in.)	Jacket Thickness (in.)	OD (in.)	Net Weight Ibs./MFT				
08	16	0.020	0.060	0.79	721				
	Count 08	Pair Size Count AWG	Pair Size Thickness Count AWG (in.) 08 16 0.020	Pair CountSize AWGThickness (in.)Thickness (in.)08160.0200.060	Pair CountSize AWGThickness (in.)OD (in.)08160.0200.0600.79				

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