

PVC/Nylon/PVC, 600V Type TC-ER, Unshielded, Series E2BEA

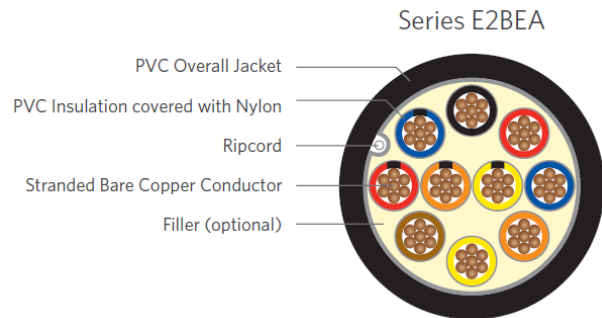
Part #: E2BEA-161B10CB00

DESCRIPTION

The PVC/Nylon/PVC, 600V Type TC Cables consist of fully annealed bare copper Class B stranded conductors, covered with Polyvinyl Chloride (PVC) and clear Nylon insulation, unshielded and black PVC jacket. These cables are used in industrial power or station control circuits.

APPLICATION

- In conduit, duct, free air, raceways and direct burial, primary installations include cable trays, and outdoor locations.
- In wet or dry locations
- Approved for direct burial, Class I Div. 2 industrial hazardous locations per NEC
- Permitted for Exposed Run (ER) use in accordance with NEC for 3 or more conductors



FEATURES

- Rated at 90°C wet and dry
- Ripcord (for jackets with thicknesses of 60-mils or less)
- Excellent sunlight resistance
- Meets cold bend test at -25°C

SPECIFICATIONS

Conductor	Bare Copper, Class B strand
Insulation	PVC/Nylon
Color Code	Method 1, Table E-2
Shield	N/A
Jacket	PVC

Packaging	Non-returnable reels
Performance Compliance	ASTM B8
	UL 66, UL 83
	UL 1277
	UL 1685 (flame compliance)
	CSA FT4 / IEEE 1202
Other Compliances	ICEA S-95-658 / S-73-532
	NEC
	EPA 40 CFR, Part 261
	OSHA
	RoHS-compliant

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Cond count	Cond Size Gauge	Insulation Thickness (in)	Jacket Thickness (in)	OD (in)	Net Weight (lbs/mft)
E2BEA-161B10CB00	10	16AWG	0.020	0.060	0.46	145

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