

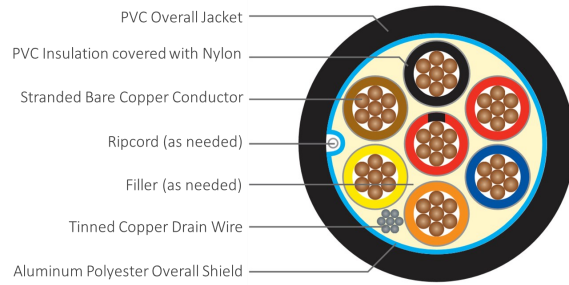
PVC/Nylon/PVC, 600V, Type TC-ER, LV Control Overall Shielded, Copper Conductors

DESCRIPTION

The PVC/Nylon/PVC (THHN/THWN-2), 600V Type TC-ER Cables consist of fully annealed bare copper Class B stranded conductors, covered with Polyvinyl Chloride (PVC) and clear Nylon insulation, are overall shielded and have a black PVC jacket. These cables are used in industrial power or station control circuits.

APPLICATIONS

- In conduit, duct, free air raceways and direct burial, primary installations include cable trays, and outdoor locations.
- In wet or dry locations. Rated at 90°C wet and dry.
- Approved for Class I Div. 2 industrial hazardous locations per NEC
- Permitted for Exposed Run (ER) use in accordance with NEC for 3 or more conductors



SERIES E2BEB

CONSTRUCTION

CONDUCTOR	Bare annealed Copper, Class B Compressed Strand
INSULATION	PVC/Nylon (THHN/THWN-2)
COLOR CODE	ICEA S-58-679 Method 1, Table E-1
OVERALL SHIELD	Overall aluminum polyester shield in contact with drain wire
JACKET	Polyvinyl Chloride (PVC)
PACKING	Non-returnable reels

STANDARDS (Compliance)

PERFORMANCE	ASTM B8 ASTM B33 ICEA S-73-532 UL 66 UL 83 UL 1277 UL 1685 CSA FT4/IEEE 1202 NEC
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OTHER	EPA 40 CFR, Part 261 OSHA REACH-Compliant RoHS/RoHS-2-Compliant
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SPECIFICATIONS

Part Number	Conductor Count	Conductor Size AWG	Insulation Thickness (in)	Jacket Thickness (in)	Approx. O.D (in)	Approx. Net Weight (lbs / Kft)
E2BEB-181B02CA00	2	18	0.015	0.045	0.29	45

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