

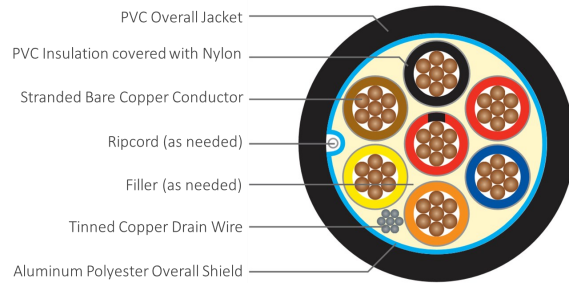
PVC/Nylon/PVC, 600V, Type TC-ER, LV Control Overall Shielded, Copper Conductors

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-2 |
| 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 83 UL 1277 UL 1685 FT4/IEEE 1202 NEC |
| OTHER | EPA 40 CFR, Part 261 OSHA REACH-Compliant RoHS/RoHS-2-Compliant |

SPECIFICATIONS

| Part Number | Conductor Size AWG or kcmil | Conductor Count | Insulation Thickness (in) | Jacket Thickness (in) | O.D (in) | Net Weight (lbs / Mft) |
|------------------|-----------------------------|-----------------|---------------------------|-----------------------|----------|------------------------|
| E2BEB-101B07CB00 | 10 | 7 | 0.025 | 0.065 | 0.625 | 205 |

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