

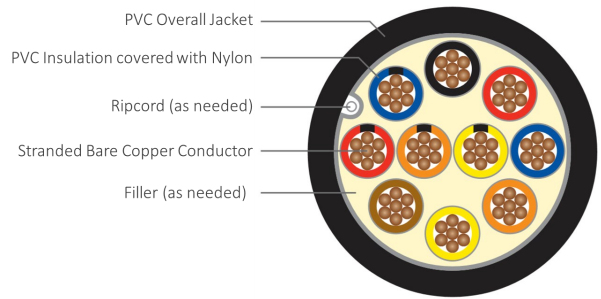
## PVC/Nylon/PVC, 600V, Type TC-ER, LV Control Unshielded, Copper Conductors

### 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 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 E2BEA**

### CONSTRUCTION

<b>CONDUCTOR</b>	Bare annealed Copper, Class B Compressed Strand
<b>INSULATION</b>	PVC/Nylon (THHN/THWN-2)
<b>COLOR CODE</b>	ICEA S-58-679 Method 1, Table E-2
<b>JACKET</b>	Polyvinyl Chloride (PVC)
<b>PACKING</b>	Non-returnable reels

### STANDARDS (Compliance)

<b>PERFORMANCE</b>	ASTM B8 ASTM B33 ICEA S-73-532 UL 66 UL 83 UL 1277 UL 1685 UL FT4/IEEE 1202 NEC
--------------------	---

**OTHER**  
EPA 40 CFR, Part 261  
OSHA  
REACH-Compliant  
RoHS/RoHS-2-Compliant

### SPECIFICATIONS

Part Number	Conductor Count	Conductor Size (AWG)	Insulation Thickness (in)	Jacket Thickness (in)	Approx. Overall Diameter (in)	Approx. Weight (lbs / kft)
E2BEA-141B06CB00	6	14	0.015	0.045	0.45	135
E2BEA-101B06CB00	6	10	0.020	0.060	0.63	305

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