

PVC/Nylon, 600V Type TC-ER, LV Power—Silicone Free Three & Four Copper Conductors, Ground Wire and PVC Jacket

DESCRIPTION

The PVC/Nylon/PVC (THHN/THWN-2), 600V Power Type TC-ER cables consist of fully annealed bare copper Class B stranded conductors, covered with Polyvinyl Chloride (PVC) and Nylon insulation, ground wire and black PVC jacket. These cables are used in industrial power.

APPLICATIONS

- For commercial, industrial and utility applications
- For wet or dry locations. Rated 90°C Wet or Dry.
- In free air, raceways, and direct burial
- Approved for direct burial, Class I Div. 2, I industrial hazardous locations per NEC
- Permitted for Exposed Run (ER) use in accordance with NEC for 3 or more conductors.

CONSTRUCTION

CONDUCTOR	Bare Copper, Class B compressed Strand
INSULATION	PVC covered with Nylon
GROUND	Bare Copper, Class B Compressed strand
JACKET	PVC
PACKAGING	Non-returnable reels

STANDARDS (Compliance)

PERFORMANCE	ASTM B8 UL 83 UL 1277 UL 1685 ICEA S-95-658 FT4/IEEE1202 NEC Article 336, 725
OTHER	EPA 40 CFR, PART 261 OSHA

SPECIFICATIONS

Part Number	Conductor Count	Conductor Size (AWG)	Insulation Thickness (in)	Nylon Thickness (in)	Ground Conductor	Jacket Thickness (in)	Overall Diameter (in)	Net Weight (lbs / Mft)
E3BEA-A81B03CE01	3	600	0.070	0.012	350	0.115	2.59	7,560
E3BEA-A81B03CE02	3	600	0.070	0.012	3/0	0.115	2.43	6,956
E3BEA-B21B04CE01	4	750	0.070	0.012	3/0	0.140	3.01	10,640
E3BEA-A41B04CE02	4	400	0.060	0.011	3/0	0.115	2.37	6,151

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