

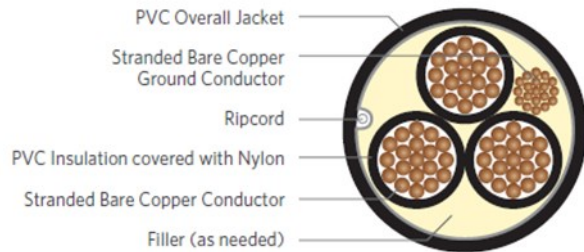
PVC/Nylon/PVC, 600V Type TC-ER, LV Power—Silicone Free Three Conductor, Copper

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, unshielded 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.



Series E3BEA

CONSTRUCTION

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

STANDARDS (Compliance)

- ASTM B8
- UL 83
- UL 1277
- UL 1685
- ICEA S-95-658
- FT4/IEEE1202
- NEC Article 336, 725

PERFORMANCE

OTHER

- EPA 40 CFR, PART 261
- OSHA

SPECIFICATIONS

Part Number	Conductor Count	Conductor Size (AWG)	Insulation Thickness (in)	Nylon Thickness (in)	Ground Conductor (kCMIL)	Jacket Thickness (in)	Overall Diameter (in)	Net Weight (lbs / Mft)
E3BEA-A81B03CE02	3	600	0.070	0.012	250	0.115	2.45	7320
E3BEA-A81B03CE03	3	600	0.070	0.012	500	0.115	2.65	8130

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