

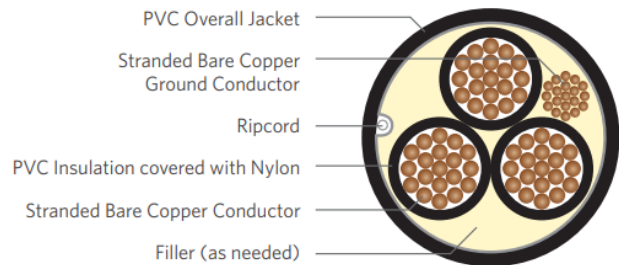
PVC/Nylon/PVC, 600V, Type TC-ER, LV Power Three Copper Conductors

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.

APPLICATIONS

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



Series E3BEA

CONSTRUCTION

CONDUCTOR	Bare annealed Copper, Class B Compressed Strand
INSULATION	PVC/Nylon (THHN/THWN-2)
CONDUCTOR ID	ICEA S-58-679 Method 4
GROUND	Bare annealed Copper, Class B Compressed Strand
JACKET	Polyvinyl Chloride (PVC)
PACKING	Non-returnable reels

STANDARDS (Compliance)

PERFORMANCE	ASTM B8 UL 83 UL 1277 UL 1685 (UL CT flame exposure test) ICEA S-95-658 FT4/IEEE1202
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 or kcmil)	Insulation Thickness (in)	Ground Conductor (AWG)	Jacket Thickness (in)	Approx. Overall Diameter (in)	Approx. Weight (lbs / kft)
E3BEA-121B03CE00	3	12	0.020	12	0.045	0.39	130
E3BEA-101B03CE00	3	10	0.020	10	0.045	0.46	195
E3BEA-081M03CE00	3	8	0.036	10	0.060	0.61	305
E3BEA-031B03CE00	3	3	0.048	6	0.080	0.94	820
E3BEA-011B03CE00	3	1	0.048	6	0.080	1.13	1,200
E3BEA-A31B03CE00	3	350	0.070	3	0.110	1.96	4,220
E3BEA-A41B03CE00	3	400	0.070	3	0.110	2.06	4,735
E3BEA-A81B03CE00	3	600	0.080	2	0.110	2.45	6,890

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