

PVC/Nylon/PVC, 600V Type TC-ER, LV Power Series E3BEA, 3 Conductor plus 1 ground

DESCRIPTION

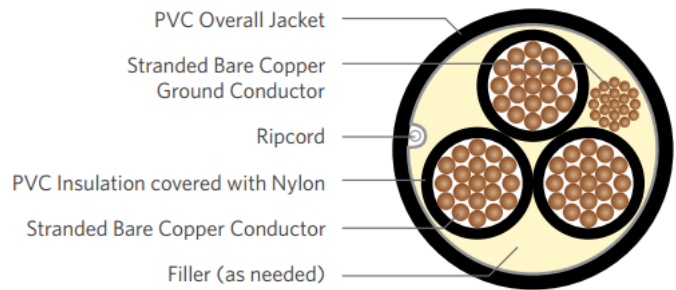
The PVC/Nylon/PVC, 600V Type TC Cables consist of fully annealed bare copper Class B stranded conductors, covered with Polyvinyl Chloride (PVC) and clear Nylon insulation (UL listed as THHN/THWN), unshielded, and black PVC jacket. These cables are used in industrial power or station control circuits.

PRODUCT NAME

PVC/Nylon/PVC, 600V Type TC-ER

APPLICATION

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



SPECIFICATIONS

Conductor	Bare Copper, Class B strand
Insulation	PVC / Nylon (THHN/THWN)
Ground	Bare Copper, Class B strand
Jacket	PVC

Packaging	Non-returnable reels
Performance	ASTM B8
Compliance	UL 83
	UL 1277
	UL 1685
	ICEA S-95-658
	NEC
Other Compliances	EPA 40 CFR, Part 261 OSHA RoHS-compliant

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Conductor count	Conductor Size (AWG/kcmil)	Insulation Thickness (in.)	Ground Conductor	Jacket Thickness (in.)	OD (in.)	Net Weight (lbs./MFT)
E3BEA-121B03CE00	3	12	0.020	12 AWG	0.045	0.40	131
E3BEA-101B03CE00	3	10	0.020	10 AWG	0.045	0.48	195
E3BEA-081M03CE00	3	8	0.036	10 AWG	0.060	0.62	305
E3BEA-031B03CE00	3	3	0.048	6 AWG	0.080	1.09	1,091
E3BEA-011B03CE00	3	1	0.048	6 AWG	0.080	1.16	1,229
E3BEA-A31B03CE00	3	350	0.070	3 AWG	0.110	2.01	4,289
E3BEA-A81B03CE00	3	600	0.080	2 AWG	0.115	2.410	6,832

The dimensions and weights shown are nominal and subject to industry standards.