

PVC/Nylon/PVC, 600V Type TC-ER, LV Power Series E3BEA, 4 Conductor plus 1 ground

DESCRIPTION

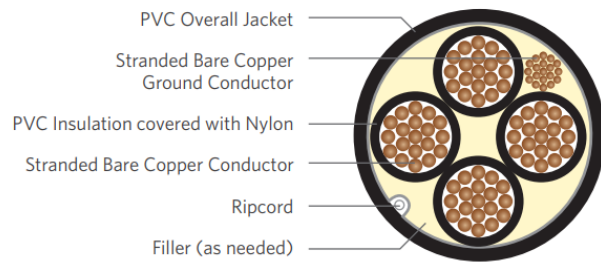
The PVC/Nylon/PVC, 600V Type TC Cables consist of fully annealed bare copper Class B stranded conductors, covered with Polyvinyl Chloride (PVC) and clear Nylon insulation (UL listed as THHN/THWN), unshielded, and black PVC jacket. These cables are used in industrial power or station control circuits.

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	Insulation Thickness (in.)	Ground Conductor AWG	Jacket Thickness (in.)	OD (in.)	Net Weight (lbs/MFT)
E3BEA-121B04CE00	4	12 AWG	0.020	12 AWG	0.045	0.44	159
E3BEA-101B04CE00	4	10 AWG	0.020	10 AWG	0.045	0.52	238
E3BEA-081M04CE00	4	8 AWG	0.036	10 AWG	0.060	0.69	381
E3BEA-061B04CE00	4	6 AWG	0.048	6 AWG	0.080	0.71	436
E3BEA-041B04CE00	4	4 AWG	0.048	6 AWG	0.080	0.99	853
E3BEA-031B04CE00	4	3 AWG	0.070	3 AWG	0.080	1.06	1050
E3BEA-021B04CE00	4	2 AWG	0.048	6 AWG	0.080	1.13	1248
E3BEA-011B04CE00	4	1 AWG	0.048	6 AWG	0.080	1.28	1561

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

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Count	Conductor Size AWG	Insulation Thickness (in.)	Ground Conductor AWG	Jacket Thickness (in.)	OD (in.)	Net Weight (lbs/MFT)
E3BEA-3A1B04CE00	4	3/0	0.059	4 AWG	0.080	1.61	2786
E3BEA-4A1B04CE00	4	4/0	0.059	4 AWG	0.110	1.81	3521
E3BEA-A21B04CE00	4	300	0.070	3 AWG	0.110	2.04	4556
E3BEA-A31B04CE00	4	350	0.070	3 AWG	0.110	2.23	5591
E3BEA-A61B04CE00	4	500	0.070	2 AWG	0.110	2.54	7628
E3BEA-A81B04CE00	4	600	0.070	1 AWG	0.110	2.87	9191

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