

PVC/Nylon/PVC, 600V Type TC-ER, LV Control Four Conductor 12AWG, Copper

DESCRIPTION

The PVC/Nylon/PVC (THHN/THWN-2), 600V Type TC-ER Cables consist of fully annealed bare copper Class B stranded conductors, covered with Polyvinyl Chloride (PVC) and clear Nylon insulation, are unshielded and have a black PVC jacket. These cables are used in industrial power or station control circuits.

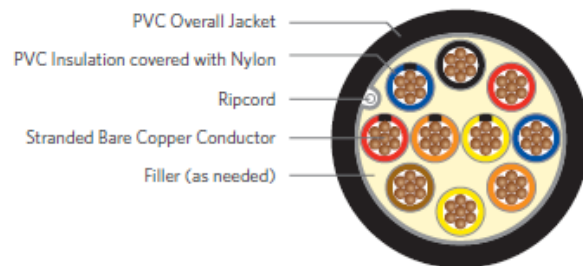
APPLICATIONS

- In conduit, duct, free air raceways and direct burial, primary installations include cable trays, and outdoor locations.
- In wet or dry locations. Rated at 90°C wet and dry.
- Approved for Class I Div. 2 industrial hazardous locations per NEC
- Permitted for Exposed Run (ER) use in accordance with NEC for 3 or more conductors
- Ripcord (for jackets with thicknesses of 60-mils or less)
- Excellent sunlight resistance
- Meets cold bend test at -25°C

CONSTRUCTION

CONDUCTOR	Bare Copper, Class B Strand
INSULATION	PVC/Nylon (THHN/THWN-2),
COLOR CODE	Custom: Brown, Orange, Yellow, Green
JACKET	PVC
PACKAGING	Non-returnable reels

SERIES E2BEA



STANDARDS (Compliance)

	ASTM B8 ICEA S-73-532 NEC
PERFORMANCE	UL 83 UL 1277 UL 1685 UL FT4/IEEE 1202
OTHER	EPA 40 CFR, PART 261 OSHA RoHS-compliant

SPECIFICATIONS

Part Number	Conductor Size AWG or kcmil	Conductor Count	Insulation Thickness (in)	Jacket Thickness (in)	O.D (in)	Net Weight (lbs / Mft)
E2BEA-121B04CQ02	12	4	0.020	0.045	0.420	138

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