

PVC/Nylon/PVC, 600V, Type TC-ER, LV Power Four 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. These cables are used in industrial power.

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



SERIES C6NP

CONSTRUCTION

CONDUCTOR	Bare annealed Copper, Class B Compressed Strand
INSULATION	Polyvinyl Chloride (PVC) covered with Nylon (THHN/THWN-2)
COLOR CODE	ICEA S-58-679 Method 4 · Black insulation with numbering
GROUND	Uninsulated, Bare annealed Copper, Class B Compressed Strand
JACKET	Polyvinyl Chloride (PVC)
JACKET MARKING	00000 FT LS CABLE XXXAWG CU 4/C WITH GND THHN/THWN-2 PVC JKT 600V 90C WET OR DRY TYPE TC-ER (UL) SUN RES DIR BURIAL FT4/IEEE 1202 MADE IN USA MM/DD/YYYY
PACKING	Non-returnable reels

STANDARDS (Compliance)

PERFORMANCE	ASTM B8 UL 83 UL 1277 UL 1685 ICEA S-95-658 FT4/IEEE 1202 NEC
OTHER	EPA 40 CFR, Part 261 OSHA

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SPECIFICATIONS							
Part Number	Conductor Count	Conductor Size (AWG or kcmil)	Ground Size (AWG)	Insulation Thickness (in)	Jacket Thickness (in)	Approx. O.D (in)	Approx. Weight (lbs/kft)
C6NP-50CB-04CGE-1AZ-Q	4	500	1/0	0.071	0.110	2.51	7,695

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