

# PRODUCT DETAILS

*Learn everything you want to know about this product to make an informed purchase*

**PVC/Nylon/PVC, Control, Shielded, 600V, UL Type TC-ER**

**Cut to length - sold by the foot. Enter the desired footage in the QTY box.**

Minimum 1' to maximum 1000'. Please call for longer put ups.

## **Color:**

Black

## **Applications:**

In free air, raceways, cable trays, or direct burial. 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.

## **Also Known As:**

Instrumentation cable, raceway cable, shielded underground cable, multi-conductor THHN cable, lighting cable, shielded control cable, signal and communication circuit cable, Type TC-ER Cable

## **Features:**

Rated at 90°C dry, 75°C wet. Ripcord applied to all cables with jacket thickness of 60 mils or less. Provides outstanding sunlight, cold bend and cold impact resistance. Offers the smallest cable O.D. available for suitable applications. Provides long service life. Provides good oil and chemical resistance. Meets cold bend test at -25°C. Meets the crush and impact requirements of Type MC cable.

## **Compliances:**

**ICEA S-73-532; ICEA S-95-658; UL 1277; UL 66; UL 83**

## **Conductor:**

Fully annealed stranded bare copper to ASTM B3

Class B stranding per ASTM B8

**Shield:** Shielded: cabled in concentric layers with interstices filled with suitable fillers as required. A helically wrapped aluminum tape, with synthetic backing, gives 100% shielding. A tinned copper drain wire is placed in contact with the aluminum side of the tape, to lower the resistance and to assist in the termination of the shield.

## **Insulation:**

Flame-retardant PVC/Nylon type THHN/THWN-2 per UL 83 for sizes 14 AWG to 500 kcmil and type TFN per UL 66 for 18 AWG and 16 AWG.

Color-coded per ICEA Method 1, Table E-2 plus alpha-numeric printed numbers (does not include white or green)

**Jacket:**

Lead-free, flame-retardant, sunlight-resistant Polyvinyl Chloride (PVC)

**Color Code:**

**Black, Red, Blue**

**Specifications\*:**

**Size:** 16 AWG

**Number of Conductors:** 3

**Jacket Thickness:** 0.04 inches

**Outside Diameter:** 7.87 mm / 0.310 inches

**Ampacity:** 18 Amps

**Net Weight:** 0.058 lbs per ft