

## Caledonian

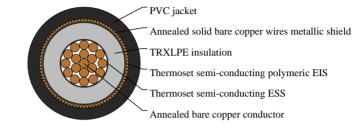
### Industrial Cables (UL Standard)

www.caledonian-cables.com

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TRXLPE/Copper Wire Shield/PVC, Medium-Voltage Power 15KV, UL Type MV-105, 133% Ins. Level, 220 Mils 1C1AWG





#### **APPLICATIONS**

These cables are suited for use in a broad range of commercial, industrial and utility applications, where reliability is the major concern, space is limited and ease of installation is critical. Besides, they are installed in wet or dry locations accordance with NEC. Also in aerial, direct burial, conduit, open tray and underground duct installations.

#### **STANDARDS**

National Electric Code (NEC) ICEA S-93-639/NEMA WC74 UL 1072 ICEA S-97-682 AEIC CS8

Meets EPA 40 CFR, Part 261 for leachable lead content per TCLP method

#### **VOLTAGE RATING**

15KV

#### **CABLE CONSTRUCTION**

Conductor: Annealed bare copper Class B compressed strand in accordance with ASTM B3 and B8.

Extruded Strand Shield (ESS): Extruded thermoset semi-conducting stress control layer over conductor.

Insulation: Tree Retardant Cross-Linked Polyethylene (TRXLPE).

Extruded Insulation Shield (EIS): Thermoset semi-conducting polymeric layer free stripping from insulation.

Metallic Shield: A concentric serve of 24 AWG annealed solid bare copper wires over which shall be applied a lapped non-metallic tape.

Jacket: Flame-retardant Polyvinyl Chloride (PVC), UV resistance, hydrocarbon resistance, oil resistance, anti rodent and anti termite properties can be offered as option.

#### **DIMENSION AND PARAMETERS**

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|   | in   | mm   | in    | mm    | in    | mm    | in   | mm   | in   | mm    |     | LBS/<br>MFT |     |     |  |
|---|------|------|-------|-------|-------|-------|------|------|------|-------|-----|-------------|-----|-----|--|
| 1 | 0.33 | 8.38 | 0.765 | 19.35 | 0.855 | 21.72 | 0.08 | 2.03 | 1.09 | 27.68 | 998 | 671         | 190 | 185 |  |