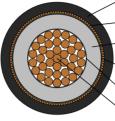


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Industrial Cables (UL Standard) www.caledonian-cables.com marketing@caledonian-cables.com

TRXLPE/Copper Wire Shield/PVC, Medium-Voltage Power 15KV, UL Type MV-105, 133% Ins. Level, 220 Mils 1C250AWG





PVC jacket Annealed solid bare copper wires metallic shield TRXLPE insulation Thermoset semi-conducting polymeric EIS Thermoset semi-conducting ESS Annealed bare copper conductor

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

AWC onductoria Nomina Nomina Nomina Nomina Nomina Nomina Nomina Approx A



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	in	mm	in	mm	in	mm	in	mm	in	mm	kg/ km	LBS/ MFT			
250	0.56	14.22	1.01	25.65	1.1	27.94	0.08	2.03	1.34	34.03	1974	1327	365	345	370