

MV90- 15kv Aluminum-100% IL- Copper Tape Shield

TRXLPE- Copper Tape Shield 100% Insulation Level



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TECHNICAL DATA

Temperature range	-40°C to + 90°C
Permissible operating temperature of the conductor	+90°C
Short circuit temperature at the conductor	+250°C
Nominal voltage	15 kV 100%
Test voltage	35 kV
Minimum bending radius	flexible 15x Outer-Ø fixed 12x Outer-Ø

■ CABLE STRUCTURE

- Conductor: Stranded compressed aluminium conductor
- Conductor shield: Semi-conductive conductor shield
- Insulation: TR-XLPE compound
- Insulation shield: Semi-conductive conductor shield
- Metallic screen: Plain annealed copper tape screen
- Binder tape: Non-woven fabric tape

- Overall jacket: LLDPE (UV resistance)
- Insulation: TR-XLPE
- Outer sheath: LLDPE
- Sheath colour: black

■ PROPERTIES

- direct burial
- UV resistant

■ TESTS

- CSA C68.5
- ICEA S94-649
- AEIC CS8
- UL1072

■ APPLICATION

Distribution of electric energy at Medium Voltage, installed at air, underground ducts, raceways, direct buried.

Part no.	AWG	Outer Ø mm, approx.	Weight kg / km, approx.	Max. DC resistance at 20°C Ω/km
18089470	2	23.5	614.0	0.875
18089471	1	24.5	669.0	0.693