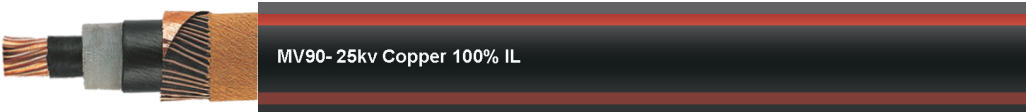




# MV90- 25kv Copper 100% IL

TRXLPE- 100% Insulation Level



## 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	25 kV 100%
Test voltage	52 kV
Minimum bending radius	flexible 15x Outer-Ø fixed 12x Outer-Ø

## CABLE STRUCTURE

- Conductor: Electrolytic compressed copper class B (Water-blocking)
- Conductor screen: Semi-conductive extruded layer
- Insulation: TR-XLPE
- Insulation screen: Semi-conductive extruded layer, easy strippable.
- Concentric neutral: Plain annealed copper wire
- Overall jacket: LLDPE (UV resistance)

- Insulation: TR-XLPE
- Outer sheath: LLDPE
- Sheath colour: black with red stripe

## PROPERTIES

- direct burial
- UV resistant

## TESTS

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

## APPLICATION

Used for medium voltage installations or distribution networks both indoors and outdoors. For the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Part no.	AWG	Outer Ø mm, approx.	Copper Concentric Neutral		Weight kg / km, approx.	Max. DC resistance at 20°C Ω/km
			No. x Dia.	Type		
18089502	1/0	32.8	10 x 2.59	Full CN	1719.0	0.335
18089503	2/0	33.9	13 x 2.59	Full CN	2020.0	0.266