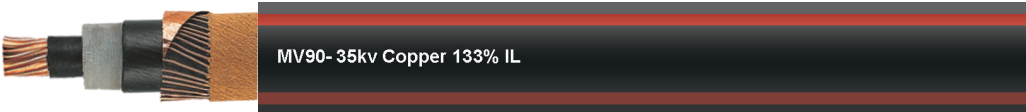




MV90- 35kv Copper 133% IL

TRXLPE- 133% 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	35 kV 133%
Test voltage	84 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		
18089496	350 kcmil	49.6	1/3 CN	18 x 2.05	3816.0	0.101
18089497	500 kcmil	53.5	1/3 CN	26 x 2.05	4958.0	0.0708