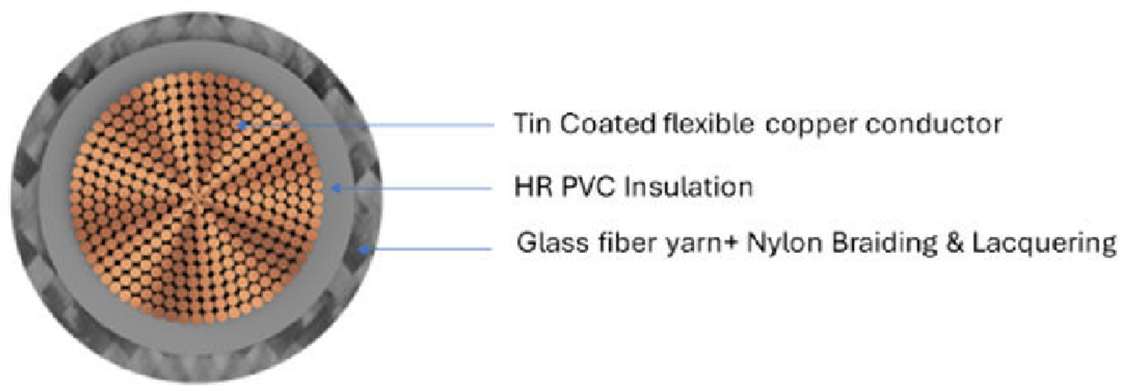
CABLES

POLYCAB





UNINYVIN CABLE

TDS Doc.No:PIL/TE/250425/005843 **DESIGN CODE : LDIS01TYUANL001C4/0A**

Description	1C X 109 SQ.MM
Manufacturer Name	Polycab India Ltd
Type of Cable	UNINYVIN Cable
Cable name(Cable Code)	0000
Applicable Standard	IS 10241/1987(Part-3), with latest up to date amendments
Rated Voltage (V)	600 V
Conductor	
a) Material	Annealed tinned flexible Copper conductor as per IS 8130 latest & IS 10241/1987 (Part-3)
b) Nominal Area of conductor (Sq.mm)	109
c) Max. D.C Cond. Resistance at 20 Deg. C as per IS 10241/1987(Part-3) (Ohm/km)	0.173
Insulation	
a) Material	PVC Compound 105°C as per IS:10241/1987(Part-3)
b) Minimum Thickness (mm)	0.787
c) Core Identification	White
Braiding	
Glass Braid	
a) Material	Glass fibre yarn
b) Filling factor	0.7
Nylon braid & Lacquer	
a) Material	Nylon braiding & Lacquering
Overall Diameter	
a) Minimum (mm)	17.9
b) Maximum (mm)	18.7
Max. conductor temp. under normal operating conditions (°C)	105°C
Max conductor temp at the termination of short circuit (°C)	160
Recommended minimum bending radius in (mm)	12 times the overall diameter of the cable

Format ID: TE/QMS/F/07, R-00, Date: 16/03/2025

CABLES

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Max. Tensile strength when pulled with pulling eye (Kg)	555.464
Printing	YEAR of Manufacture POLYCAB UNINYVIN CODE (AREA) WITH SEQUENTIAL MARKING AT EVERY 1 METER INTERVAL.

Note:-The values given above are subject to tolerances as per the relevant standards

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