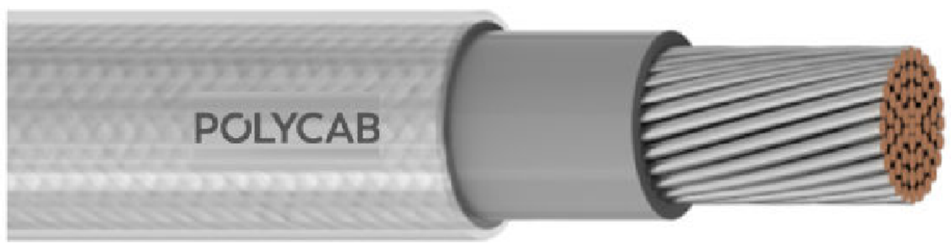
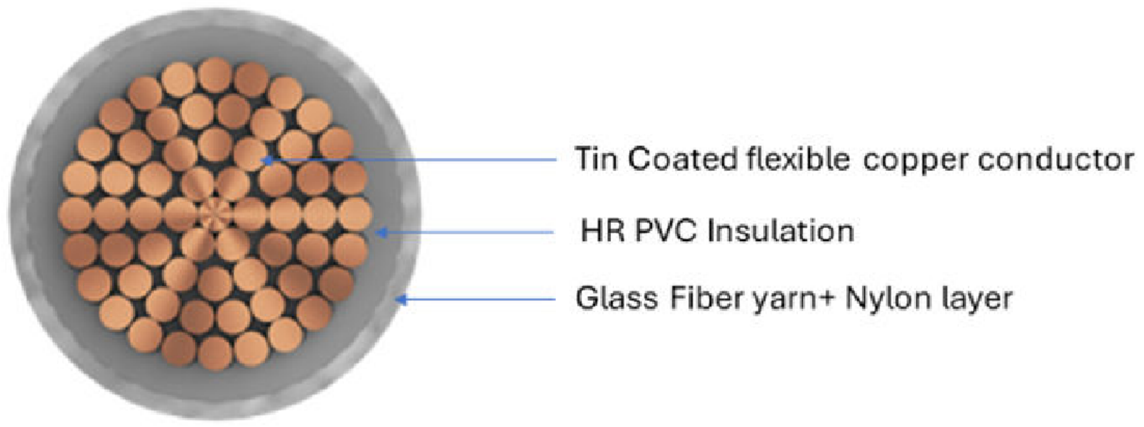
CABLES

POLYCAB





UNINYVIN CABLE

TDS Doc.No:PIL/TE/250425/005850

DESIGN CODE : LDIS01TYUANL001C016A

Description	1C X 1.171 SQ.MM
Manufacturer Name	Polycab India Ltd
Type of Cable	UNINYVIN Cable
Cable Code	16
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)	1.171
c) Max. D.C Cond. Resistance at 20 Deg. C as per IS 10241/1987(Part-3) (Ohm/km)	16.08
Insulation	
a) Material	PVC Compound 105°C as per IS:10241/1987(Part-3)
b) Minimum Thickness (mm)	0.229
c) Core Identification	White
Braiding	
Glass Braid	
a) Material	Glass fibre yarn
b) Filling factor	0.7
Nylon Sheath	
Material	Transparent Nylon Compound
Thickness	
a) Minimum (mm)	0.076
b) Maximum (mm)	0.178
Overall Diameter	
a) Minimum (mm)	2.5
b) Maximum (mm)	2.8

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

CABLES

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
Max. Tensile strength when pulled with pulling eye (Kg)	5.967416
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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