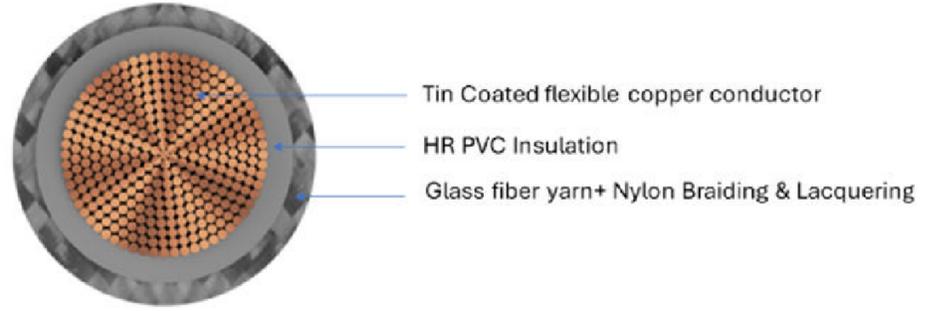


CABLES



UNINYVIN CABLE

TDS Doc.No:PIL/TE/250425/005839

DESIGN CODE : LDIS01TYUANL001C001A

Description	1C X 40.7 SQ.MM
Manufacturer Name	Polycab India Ltd
Type of Cable	UNINYVIN Cable
Cable name(Cable Code)	1
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)	40.7
c) Max. D.C Cond. Resistance at 20 Deg. C as per IS 10241/1987(Part-3) (Ohm/km)	0.463
Insulation	
a) Material	PVC Compound 105°C as per IS:10241/1987(Part-3)
b) Minimum Thickness (mm)	0.559
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)	11.7
b) Maximum (mm)	12.2
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

CABLES

Max. Tensile strength when pulled with pulling eye (Kg)	207.4072
Printing	YEAR of Manufacture POLYCAB UNINYVIN CODE (AREA) WITH SEQUENTIAL MARKING AT EVERY 1 METER INTERVAL.