



UNINYVIN CABLE

TDS Doc.No:PIL/TE/250425/005853

DESIGN CODE : LDIS01TYUANL001C022A

Description	1C X 0.347 SQ.MM
Manufacturer Name	Polycab India Ltd
Type of Cable	UNINYVIN Cable
Cable Code	22
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)	0.347
c) Max. D.C Cond. Resistance at 20 Deg. C as per IS 10241/1987(Part-3) (Ohm/km)	54.312
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)	0.173
Overall Diameter	
a) Minimum (mm)	1.8
b) Maximum (mm)	2

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)	1.768312
Printing	YEAR of Manufacture POLYCAB UNINYVIN CODE (AREA) WITH SEQUENTIAL MARKING AT EVERY 1 METER INTERVAL.