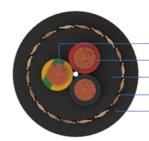


CABLES





- Annealed Flexible copper conductor
- PVC Type A Insulation
- Inner sheath
- Tinned Copper Braid
- Extruded PVC Type ST1 Outer sheath

INDUSTRIAL FLEXIBLE BRAIDED CABLE

Document ID: TE/QMS/F/02

DESIGN CODE : BCIS09CYTBY1003C006S

Particulars	3C X 6 SQ.MM
Manufacturer Name	Polycab India Ltd
Type of Cable	Tinned Copper Braided Flexible Cable
Rated Voltage (V)	1100V
Applicable Standard	Generally as per IS 694/2010
No. of cores (No.s)	3
Conductor	
a) Material	Plain annealed Flexible Class 5 copper as per IS 8130/2013 latest
b) Nominal conductor area (Sq.mm)	6
 Max. D.C Cond. Resistance at 20 Deg. C. (Ohm/km) 	3.3
Insualtion	
a) Material	PVC Type 'A'
b) Nominal Thickness (mm)	0.8
c) Core Identification	Red, Black & Yellow/Green
Inner Sheath	
a) Material	Extruded PVC Type 'ST1' as per IS:5831/84
b) Minimum Thickness (mm)	0.3
c) Sheath Colour	Black
Overall Braiding	
a) Material	Annealed Tinned Copper
b) Nominal Braid Wire diameter (mm)	0.1
c) Coverage (%)	Approx. 60
Outer Sheath	
a) Material	Extruded PVC Type 'ST1' as per IS:5831/84
b) Nominal Thickness (mm)	1.20
c) Sheath Colour	Black



CABLES

Approx. Overall Diameter (mm)	14.1
Max. conductor temp. under normal operating conditions (°C)	70°C
Max conductor temp at the termination of short circuit °C	160°C
Recommended minimum bending radius in mm	8 - 10 times the overall diameter of the cable
Max. Tensile strength when pulled with pulling eye (Kg)	92
Printing	Year of Manufacture POLYCAB 1100 V NO.OF CORE X SQ.MM

Rev. No.: 00

Issued Date : 02/04/2018

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

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