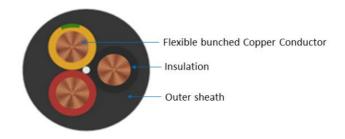






Document ID: TE/QMS/F/02

Minimum bending radius



MULTICORE FLEXIBLE CABLE

DESIGN CODE: LDIS09CYUAY1003C2.5S

Particulars	3 Core X 2.5 Sq.mm	
Name of Manufacturer	Polycab India Ltd	
Type of cable	YY	
Voltage Grade V	1100	
No of cores X size in sq.mm.	3 Core X 2.5 Sq.mm	
Conductor		
a) Material	Plain annealed high conductivity flexible copper conductor as per Class 5 of IS 8130/2013, latest	
 b) Max. d.c. resistance of conductor at 20° C (ohm/km) 	7.98	
c) Shape of the conductor	Flexible Circular	
Insulation		
a) Material	PVC TYPE D as per IS 5831/1984, Latest	
b) Nominal thickness (mm)	0.7	
c) Core identification	Red, Black and Yellow-green	
Outer Sheath		
a) Material	Extruded PVC Type ST3 as per IS 5831/1984, Latest	
b) Nominal thickness (mm)	1.0	
c) Colour of outer sheath	Black	
Approx. overall diameter of the cable in mm	9.4+/-1	
Maximum conductor temperature under normal operating condition	70°C	
Maximum conductor temperature at the terminal of short circuit	160°C	
Electrical Parameters		
 a) Max. a.c. resistance of conductor at operating temperature (Ohm/Km) 	9.54	
b) High voltage test (kV)	3	
Continuous Current carrying capacities :-		
a) In Air at 40°C (A)	21	
Applicable Standard	IS 8130/2013, IS 5831/1984, IS 694/2010, etc. with latest up to date updates	

8 times Overall diameter



CABLES

Fire Properties	Fire	Prop	erties
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Printing

a) Flammability test As per IEC 60332-1-2

Standard packing length

100 meter coil, 300 meter coil, 500 meter, 1000 meter
(Higher quantity in wodden drum)

POLYCAB <SIZE SQ.MM> 1100V IS: 694 <ISI LOGO> CM/L -

2832257, HALOL - <CE MARKING>

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