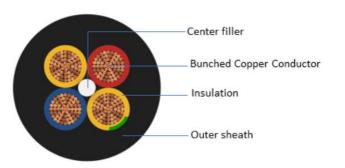


CABLES





MULTICORE FLEXIBLE CABLE

DESIGN CODE : LDIS09CYUAY1004C006S

Document ID: TE/QMS/F/02		DESIGN CODE : LDIS09CYUAY1004C006S
Particulars		4 Core X 6 Sq.mm
Name of Manufacturer		Polycab India Ltd
Type of cable		YY
Voltage Grade V		1100
No of cores X size in sq.mm.		4 Core X 6 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)	3.3
c)	Shape of the conductor	Flexible Circular
Insulation		
a)	Material	PVC TYPE D as per IS 5831/1984, Latest
b)	Nominal thickness (mm)	0.8
c)	Core identification	Red, Yellow, Blue and Yellow-Green
Outer Sheath		
a)	Material	Extruded PVC Type ST3 as per IS 5831/1984, Latest
b)	Nominal thickness (mm)	1.2
c)	Colour of outer sheath	Black
Approx. overall diameter of the cable in mm		13.9+/-2
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)	3.94
b)	High voltage test (kV)	3
Continuous Current carrying capacities :-		
a)	In Air at 40°C (A)	36
Applicable Standard		IS 8130/2013, IS 5831/1984, IS 694/2010, etc. with latest up to date updates
Minimum bending radius		8 times Overall diameter



Fire Properties

a) Flammability test

Standard packing length

Printing

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>

Rev. No.: 00

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

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