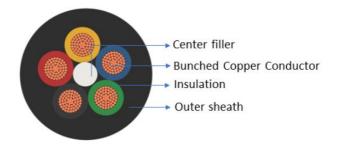






Document ID: TE/QMS/F/02



## MULTICORE FLEXIBLE CABLE

**DESIGN CODE: LDIS09CYUAY1005C004S** 

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Particulars		5 Core X 4 Sq.mm
Name of Manufacturer		Polycab India Ltd
Type of cable		YY
Voltage Grade V		1100
No of cores X size in sq.mm.		5 Core X 4 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)	4.95
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,Black & 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		13.4+/-2
Maximum conductor temperature under normal operating condition		70°C
Maximum conductor temperature at the terminal of short circuit		160°C
Elec	trical Parameters	
a)	Max. a.c. resistance of conductor at operating temperature (Ohm/KM)	5.92
b)	High voltage test (kV)	3
Con	tinuous Current carrying capacities :-	
a)	In Air at 40°C (A)	28
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



## **CABLES**

## **Fire Properties**

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)

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

2832257, HALOL - <CE MARKING>

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