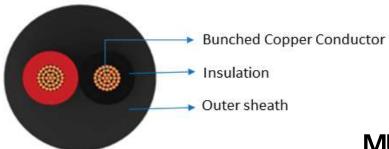




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MULTICORE FLEXIBLE CABLE

DESIGN CODE: LDIS09CYUAY1002C001SA

Particulars		2 Core X 1 Sq.mm.	
Name of Manufacturer		Polycab India Ltd	
Type of cable		YY	
Voltage Grade V		1100	
No of cores X size in sq.mm.		2 Core X 1 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. re (ohm/km)	esistance of conductor at 20° C	19.5	
c) Shape of th	e conductor	Flexible Circular	
Insulation			
a) Material		PVC TYPE D as per IS 5831/1984, Latest	
b) Nominal th	ickness (mm)	0.6	
c) Core ident	fication	Red and Black	
Sheath			
a) Material		Extruded PVC Type ST3 as per IS 5831/1984, Latest	
b) Nominal th	ickness (mm)	0.9	
c) Colour of c	outer sheath	Black	
Approx. overall diameter of the cable in mm		6.8+/-2	
Electrical Parameters			
Maximum conductor temperature under normal operating condition		70°C	
Maximum conductor temperature at the terminal of short circuit		160°C	
High voltage test		3kv	
Continuous Current carrying capacities:-			
a) In Air at 40	°C (A)	14	
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	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=""></ce></isi></size>

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