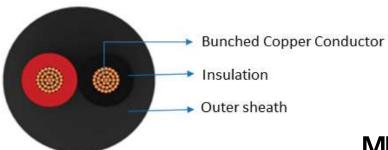


Document ID: TE/QMS/F/02





MULTICORE FLEXIBLE CABLE

DESIGN CODE: LDIS09CYUAY1002C1.5SA

Particu	ılars	2 Core X 1.5 Sq.mm.
Name of Manufacturer		Polycab India Ltd
Type of cable		YY
Voltage Grade V		1100
No of cores X size in sq.mm.		2 Core X 1.5 Sq.mm.
Conductor		
a)	Material	Plain annealed high conductivity flexible copper conductations as per Class 5 of IS 8130/2013, latest
h)	Max. d.c. resistance of conductor at 20° C (ohm/km)	13.3
c) :	Shape of the conductor	Flexible Circular
Insulat	ion	
a)	Material	PVC TYPE D as per IS 5831/1984, Latest
b)	Nominal thickness (mm)	0.6
c) (Core identification	Red and Black
Sheath	1	
a)	Material	Extruded PVC Type ST3 as per IS 5831/1984, Latest
b)	Nominal thickness (mm)	0.9
c) (Colour of outer sheath	Black
Approx. overall diameter of the cable in mm		7.3+/-2
Electri	cal 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
Contin	uous Current carrying capacities:-	
a)	In Air at 40°C (A)	18
Applicable Standard		IS 8130/2013, IS 5831/1984, IS 694/2010, etc. with late up to date updates
Minimur	m 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>		

Rev. No.: 00 Issued Date: 10/06/2021