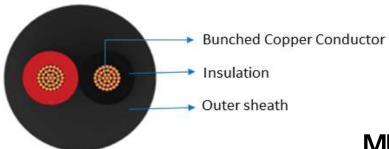




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## MULTICORE FLEXIBLE CABLE

**DESIGN CODE: LDIS09CYUAY1002C006SA** 

Particulars	2 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.	2 Core X 6 Sq.mm.
Conductor	
a) Material	Plain annealed high conductivity flexible copper conducto 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 and Black
Sheath	
a) Material	Extruded PVC Type ST3 as per IS 5831/1984, Latest
b) Nominal thickness (mm)	1.1
c) Colour of outer sheath	Black
Approx. overall diameter of the cable in mm	11.7+/-2
Electrical Parameters	
Maximum conductor temperature under normal operating condition	70°C
$\label{thm:main} \mbox{Maximum conductor temperature at the terminal of short circuit}$	160°C
High voltage test	3kv
Continuous Current carrying capacities:-	
a) In Air at 40°C (A)	42
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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