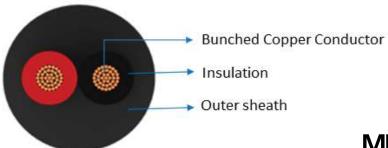




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## MULTICORE FLEXIBLE CABLE

**DESIGN CODE: LDIS09CYUAY1002C025SA** 

Partic	culars	2 Core X 25 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 25 Sq.mm.	
Conductor			
a)	Material	Plain annealed high conductivity flexible copper conduct as per Class 5 of IS 8130/2013, latest	
b)	Max. d.c. resistance of conductor at 20° C (ohm/km)	0.78	
c)	Shape of the conductor	Flexible Circular	
Insula	ation		
a)	Material	PVC TYPE D as per IS 5831/1984, Latest	
b)	Nominal thickness (mm)	1.2	
c)	Core identification	Red and Black	
Sheat	th		
a)	Material	Extruded PVC Type ST3 as per IS 5831/1984, Latest	
b)	Nominal thickness (mm)	1.4	
c)	Colour of outer sheath	Black	
Approx. overall diameter of the cable in mm		20.4+/-2	
Electi	rical 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	
Conti	nuous Current carrying capacities:-		
a)	In Air at 40°C (A)	100	
Applicable Standard		IS 8130/2013, IS 5831/1984, IS 694/2010, etc. with late up to date updates	
Minim	um 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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