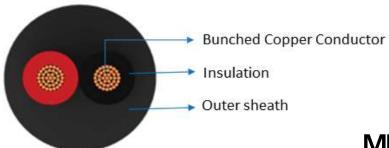




Document ID: TE/QMS/F/02





MULTICORE FLEXIBLE CABLE

DESIGN CODE: LDIS09CYUAY1002C016SA

Partic		2 Core X 16 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 16 Sq.mm.
Condu	uctor	
a)	Material	Plain annealed high conductivity flexible copper conductors as per Class 5 of IS 8130/2013, latest
b)	Max. d.c. resistance of conductor at 20° C (ohm/km)	1.21
c)	Shape of the conductor	Flexible Circular
Insula	tion	
a)	Material	PVC TYPE D as per IS 5831/1984, Latest
b)	Nominal thickness (mm)	1
c)	Core identification	Red and Black
Sheat	h	
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	a. overall diameter of the cable in mm	17+/-2
Electr	ical Parameters	
Maximum conductor temperature under normal operating condition		70°C
Maxim circuit	um conductor temperature at the terminal of short	160°C
High vo	oltage test	3kv
Conti	nuous Current carrying capacities:-	
a)	In Air at 40°C (A)	78
Applicable Standard		IS 8130/2013, IS 5831/1984, IS 694/2010, etc. with later 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=""></isi></size>

CM/L - 2832257, HALOL - <CE MARKING>

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