

Technical Datasheet of Flexible Cables				LDIS09CYUAY1006C001S	
Sr.No.		Description	Unit	6C X 1	
				<b>Sq. mm.</b>	
1		Manufacturer Name		Polycab Wires Private Limited	
2		Brand Name		POLYCAB	
3		Rated Voltage		1100V	
4		<b>CONDUCTOR</b>			
	a)	Material		Plain annealed high conductivity Flexible copper conductor as per Class 5 of IS 8130/2013 latest	
	b)	Conductor Size	Sq.mm	1	
	c)	Max. D.C Cond. Resistance at 20 Deg. C.	Ohm/km	19.5	
5		<b>INSULATION</b>			
	a)	Material		<b>PVC Type 'D'</b>	
	b)	Nominal Thickness in mm.	mm	0.6	
6		<b>Sheath</b>			
		Material		<b>Extruded PVC Type 'ST3' as per IS:5831/84</b>	
		Nominal Thickness in mm.		1.0	
		Sheath Colour		Black	
7		<b>Maximum Overall Diameter</b>	mm	<b>10.5</b>	
8		Current rating	Amps	12	
9		Max. conductor temp. under normal operating conditions	°C	70°C	
10		Max conductor temp at the termination of short circuit	°C	160°C	
11		Standards to which the cables confirm		As per IS 8130/2013,IS 694/2010, etc. with latest up to date amendments	
12		Recommended minimum bending radius in mm		8 times the overall diameter of the cable	
13		Max. Tensile strength when pulled with pulling eye	Kg	31	
14		Printing		<b>POLYCAB 1100 V, NO.OF CORE X SQ.MM</b>	

CORE IDENTIFICATION			6C X 1			
			Sr. No	Printing No.	Basic Colour	Stripe
			1		Yellow	Green
			2	1	Black	-
			3	2	White	-
			4	3	Red	-
			5	4	Green	-
			6	5	Orange	-