

Technical Datasheet of Flexible Cables				LDIS09CYUAY1024C001S	
Sr.No.		Description	Unit	24C X 1	
				Sq. mm.	
1		Manufacturer Name		Polycab Wires Private Limited	
2		Brand Name		POLYCAB	
3		Rated Voltage		1100V	
4		CONDUCTOR			
	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		INSULATION			
	a)	Material		PVC Type 'D'	
	b)	Nominal Thickness in mm.	mm	0.6	
6		Sheath			
		Material		Extruded PVC Type 'ST3' as per IS:5831/84	
		Nominal Thickness in mm.		1.4	
		Sheath Colour		Black	
7		Maximum Overall Diameter	mm	19.2	
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	122	
14		Printing		POLYCAB 1100 V, NO.OF CORE X SQ.MM	

CORE IDENTIFICATION			24C 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	-			
7	6	Blue	-			
8	7	White	Black			
9	8	Red	Black			
10	9	Green	Black			
11	10	Orange	Black			
12	11	Blue	Black			
13	12	Black	White			
14	13	Red	White			
15	14	Green	White			
16	15	Blue	White			
17	16	Black	Red			
18	17	White	Red			
19	18	Orange	Red			
20	19	Blue	Red			
21	20	Red	Green			
22	21	Orange	Green			
23	22	Black	Green			
24	23	Blue	Green			