

Technical Datasheet of Flexible Cables				LDIS09CYUAY1008C001S
Sr.No.		Description	Unit	8C 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.		1.0
		Sheath Colour		Black
7		Maximum Overall Diameter	mm	12.4
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	41
14		Printing		POLYCAB 1100 V, NO.OF CORE X SQ.MM

CORE IDENTIFICATION			8C 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