



<b>Technical Datasheet of Flexible Cables</b>				<b>LDIS09CYUAY1003C004S</b>
<b>Sr.No.</b>	<b>Description</b>	<b>Unit</b>	<b>3C X 4</b>	
			<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	4.0	
	c) Max. D.C Cond. Resistance at 20 Deg. C.	Ohm/km	4.95	
5	<b>INSULATION</b>			
	a) Material		<b>PVC Type 'D'</b>	
	b) Nominal Thickness in mm.	mm	0.8	
	c) Core Identification		Red, Black & Yellow/Green	
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>12.4</b>	
8	Current rating	Amps	29	
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	61	
14	Printing		<b>POLYCAB 1100 V, NO.OF CORE X SQ.MM</b>	