

Technical Datasheet of Flexible Cables			LDIS09CYUAY1010C2.5S																																												
Sr.No.	Description	Unit	10C X 2.5																																												
			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	2.5																																												
	c) Max. D.C Cond. Resistance at 20 Deg. C.	Ohm/km	7.98																																												
5	INSULATION																																														
	a) Material		PVC Type 'D'																																												
	b) Nominal Thickness in mm.	mm	0.7																																												
6	Sheath																																														
	Material		Extruded PVC Type 'ST3' as per IS:5831/84																																												
	Nominal Thickness in mm.		1.3																																												
	Sheath Colour		Black																																												
7	Maximum Overall Diameter	mm	18.7																																												
8	Current rating	Amps	22																																												
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	127																																												
14	Printing		POLYCAB 1100 V, NO.OF CORE X SQ.MM																																												
	CORE IDENTIFICATION		10C X 2.5																																												
			<table border="1"> <thead> <tr> <th>Sr. No</th> <th>Printing No.</th> <th>Basic Colour</th> <th>Stripe</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>Yellow</td> <td>Green</td> </tr> <tr> <td>2</td> <td>1</td> <td>Black</td> <td>-</td> </tr> <tr> <td>3</td> <td>2</td> <td>White</td> <td>-</td> </tr> <tr> <td>4</td> <td>3</td> <td>Red</td> <td>-</td> </tr> <tr> <td>5</td> <td>4</td> <td>Green</td> <td>-</td> </tr> <tr> <td>6</td> <td>5</td> <td>Orange</td> <td>-</td> </tr> <tr> <td>7</td> <td>6</td> <td>Blue</td> <td>-</td> </tr> <tr> <td>8</td> <td>7</td> <td>White</td> <td>Black</td> </tr> <tr> <td>9</td> <td>8</td> <td>Red</td> <td>Black</td> </tr> <tr> <td>10</td> <td>9</td> <td>Green</td> <td>Black</td> </tr> </tbody> </table>	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
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