

Technical Datasheet of Flexible Cables				LDIS09CYUAY1012C1.5S																																																				
Sr.No.		Description	Unit	12C X 1.5																																																				
				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	1.5																																																				
	c)	Max. D.C Cond. Resistance at 20 Deg. C.	Ohm/km	13.3																																																				
5		INSULATION																																																						
	a)	Material		PVC Type 'D'																																																				
	b)	Nominal Thickness in mm.	mm	0.6																																																				
6		Sheath																																																						
	a)	Material		Extruded PVC Type 'ST3' as per IS:5831/84																																																				
	b)	Nominal Thickness in mm.		1.1																																																				
	c)	Sheath Colour		Black																																																				
7		Maximum Overall Diameter	mm	16.5																																																				
8		Current rating	Amps	16																																																				
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	92																																																				
14		Printing		POLYCAB 1100 V, NO.OF CORE X SQ.MM																																																				
CORE IDENTIFICATION				12C X 1.5																																																				
				<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> <tr> <td>11</td> <td>10</td> <td>Orange</td> <td>Black</td> </tr> <tr> <td>12</td> <td>11</td> <td>Blue</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	11	10	Orange	Black	12	11	Blue	Black
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