

Technical Datasheet of Flexible Cables			LDIS09CYUAY1019C2.5S																																																																																	
Sr.No.	Description	Unit	19C 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.		1.4																																																																																	
	Sheath Colour		Black																																																																																	
7	Maximum Overall Diameter	mm	23.8																																																																																	
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	242																																																																																	
14	Printing		POLYCAB 1100 V, NO.OF CORE X SQ.MM																																																																																	
	CORE IDENTIFICATION		19C 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> <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> <tr><td>13</td><td>12</td><td>Black</td><td>White</td></tr> <tr><td>14</td><td>13</td><td>Red</td><td>White</td></tr> <tr><td>15</td><td>14</td><td>Green</td><td>White</td></tr> <tr><td>16</td><td>15</td><td>Blue</td><td>White</td></tr> <tr><td>17</td><td>16</td><td>Black</td><td>Red</td></tr> <tr><td>18</td><td>17</td><td>White</td><td>Red</td></tr> <tr><td>19</td><td>18</td><td>Orange</td><td>Red</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	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
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