

The Power of **Green**



GREEN Wire HRFR LSH Lead Free
ECO FRIENDLY, RoHS COMPLIANT WIRE.

Now more than ever before, the world needs wires that are eco-friendly, safe and high performers. The Polycab Green Wire is a right step in this direction. Combining breakthrough engineering with meticulously selected materials, the Polycab Green Wire meets stringent European norms in environmental sustainability and cable safety standards. The Polycab Green Wire is energy efficient, recyclable, is RoHS compliant, has low smoke density and emits fewer toxic gases in extreme fire situations, thus making it the preferred choice for Green Buildings.



IS 694:2010



20%
HIGHER CURRENT CARRYING CAPACITY
THAN **PVC** WIRES



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POLYCAB SINGLE CORE, HEAT RESISTANT FLAME RETARDANT LOW SMOKE PVC INSULATED INDUSTRIAL CABLE IN 1100 VOLTS. VOLTAGE GRADE WITH FLEXIBLE CONDUCTOR.					
Nominal Area of Conductor	No. of strands/ Maximum diameter of each strand in mm	Thickness of insulation (Nom)	Approx. Overall Diameter	Current Rating in Amps (*)	Resistance (max) per km @ 20°C
sq. mm	No./mm	mm	mm	A	Ohms
0.50	16/0.20	0.6	2.30	4.8	39
0.75	24/0.20	0.6	2.50	8.4	26
1.0	32/0.20	0.6	2.80	14.4	19.5
1.5	30/0.25	0.6	3.10	19.2	13.3
2.5	50/0.25	0.7	3.80	26.4	7.98
4.0	56/0.30	0.8	4.40	34.8	4.95
6.0	84/0.30	0.8	5.20	44.4	3.3
10	80/0.40	1.0	5.80	61.2	1.91
16	126/0.40	1.0	6.90	81.6	1.21
25	196/0.40	1.2	8.80	103.2	0.780
35	276/0.40	1.2	10.00	132	0.554
50	396/0.40	1.4	11.90	174	0.386
70	360/0.50	1.4	13.60	258	0.272
95	484/0.50	1.6	15.70	312	0.206
120	608/0.50	1.6	17.30	366	0.161
150	750/0.50	1.8	19.20	426	0.129
185	925/0.50	2.0	21.30	498	0.106
240	1210/0.50	2.2	24.20	600	0.0801
300	1527/0.50	2.4	27.10	702	0.0641
400	2036/0.50	2.6	30.25	834	0.0486

Available Standard Colors: Red, Yellow, Blue, Black and Green (for Earthing).

(*) As per IS 3961 (pt-V) – 1968 Confirming to IS 694 : 2010


RoHS Compliance

RoHS Requirement	
Contents	Values
CADMIUM (Cd) CONTENT	Max 100 ppm
LEAD (pb) CONTENT	Max 1000 ppm
MERCURY (Hg) CONTENT	Max 1000 ppm
CHROMIUM (VI) CONTENT	Max 1000 ppm
RoHS Requirement for Brominated flame retardants POLY BROMINATED BIPHENYLS (PBBs)	Max 1000 ppm

Corporate Office:

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