



WELDING CABLE

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Particulars		1 Core X 70 Sq.mm
Name of Manufacturer		Polycab India Ltd
Type of cable		Welding Cable
No of cores X size in Sq.mm.		1 Core X 70 Sq.mm
Conductor		
a) Material		Annealed plain bunched high conductivity conductor as per Class 6 of IS 8130/2013, latest
b) Max. d.c. resistance of conductor at 20° C (ohm/km)		0.272
c) Shape of conductor		Flexible Circular
Covering		
a) Material		Extruded HOFR (Heat & oil resistant Flame Reterdant) elastomeric covering as per IS 6380/1984, Latest
b) Nominal thickness (mm)		2.4
c) Colour of Core		Orange
Electrical Parameters		
Maximum conductor temperature under normal operating condition		90° C
Maximum conductor temperature at the terminal of short circuit		250° C
High voltage test		1kv
Continuous Current carrying capacities :-		
a) In 60% duty cycle at Ambient Temp. 30° C (A)		454
Applicable Standard		IS 8130/2013, IS 6380/1984, Generally IS 9857 with latest up to date updates
Approx. overall dimension of the cable in (mm)		15.7 ± 2
Minimum bending radius		5 times Overall diameter
Printing		Year of manufacturing POLYCAB 1C X 70 SQ.MM HR-90(HOFR) with sequential length marking

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Note:-The values given above are subject to tolerances as per the relevant standards.