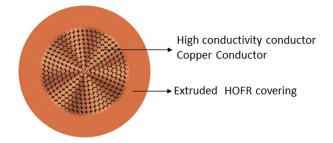


## **CABLES**





## **WELDING CABLE**

## **Document ID: TE/QMS/F/02**

Document ID: TE/QMS/F/02	DESIGN CODE: WCIS00CRUARE001C050S
Particulars	1 Core X 50 Sq.mm
Name of Manufacturer	Polycab India Ltd
Type of cable	Welding Cable
No of cores X size in Sq.mm.	1 Core X 50 Sq.mm
Conductor	
a) Material	Annealed plain bunched high conductivity conductor as per Class 6 of IS 8130/2013, latest
<ul> <li>b) Max. d.c. resistance of conductor at 20° C</li> <li>(ohm/km)</li> </ul>	0.386
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)	2.2
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)	360
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)	13.8±2
Minimum bending radius	5 times Overall diameter
Printing	Year of manufacturing POLYCAB 1C X 50 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.