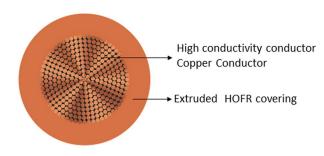


CABLES





WELDING CABLE

Document ID: TE/QMS/F/02

DESIGN CODE : WCIS00CRUARE001C035S

Particulars		1 Core X 35 Sq.mm
Name of Manufacturer		Polycab India Ltd
Type of cable		Welding Cable
No of cores X size in Sq.mm.		1 Core X 35 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) 	0.554
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)	2.0
c)	Colour of Core	Orange
Electrical Parameters		
Maximum conductor temperature under normal operating condition		90°C
	um conductor temperature at the al of short circuit	250°C
High v	oltage test	1kv
Continuous Current carrying capacities :-		
a)	In 60% duty cycle at Ambient Temp. 30 $^\circ$ C $$ (A)	285
Applic	able Standard	IS 8130/2013, IS 6380/1984, Generally IS 9857 with latest up to date updates
Approx	x. overall dimension of the cable in (mm)	11.9±2
Minim	um bending radius	5 times Overall diameter
Printin	g	Year of manufacturing POLYCAB 1C X 35 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.

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