



FLAT SUBMERSIBLE CABLE

DESIGN CODE : WSIS09CYUAY1003C035S

Document ID: TE/QMS/F/02

Particulars		3 Core X 35 Sq.mm
Name of Manufacturer		Polycab India Ltd
Type of cable		Submersible Cable
Voltage Grade (Volts)		1100
No of cores X size in Sq.mm.		3 Core X 35 Sq.mm
Conductor		
a) Material		Bunched copper conductor as per Class 5 of IS 8130/2013, latest
b) Max. d.c. resistance of conductor at 20° C (ohm/km)		0.554
c) Shape of the conductor		Flexible Circular
Insulation		
a) Material		PVC TYPE D as per IS 5831/1984, Latest
b) Nominal thickness (mm)		1.2
c) Core identification		Red , Yellow and Blue
Sheath		
a) Material		Extruded PVC Type ST3 as per IS 5831/1984, Latest
b) Nominal Thickness (mm)		2.0
c) Colour of outer sheath		Black
Maximum overall dimension of the cable in (mm)		40.5 x 17.2
Electrical Parameters		
Maximum conductor temperature under normal operating condition		70° C
Maximum conductor temperature at the terminal of short circuit		160° C

Continuous Current carrying capacities :-

a) In Air at 40° C (A) 100

Applicable Standard IS 8130/2013, IS 5831/1984, IS 694/2010, etc. with latest up to date updates

Minimum bending radius 6 times Overall diameter

Fire Properties

a) Flamability test As per IEC 60332-1-2

Printing POLYCAB <SIZE SQ.MM> 1100V IS : 694 <ISI LOGO>
CM/L - 2832257, HALOL - <CE MARKING>