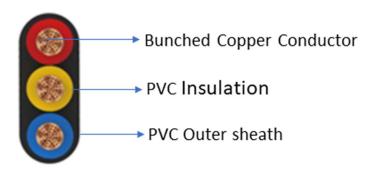


## **CABLES**





## FLAT SUBMERSIBLE CABLE

Document ID: TE/QMS/F/02	<b>DESIGN CODE: WSIS09CYUAY1003C1.5S</b>
Particulars	3 Core X 1.5 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 1.5 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)	13.3
c) Shape of the conductor	Flexible Circular
Insulation	
a) Material	PVC TYPE D as per IS 5831/1984, Latest
b) Nominal thickness (mm)	0.6
c) Core identification	Red , Yellow and Blue
Sheath	
a) Material	Extruded PVC Type ST3 as per IS 5831/1984, Latest
b) Nominal Thickness (mm)	0.9
c) Colour of outer sheath	Black
Maximum overall dimension of the cable in (mm)	12 x 5.6
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	s :-
a) In Air at 40°C (A)	14
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=""></ce></isi></size>

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