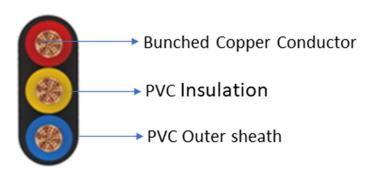


## **CABLES**





## FLAT SUBMERSIBLE CABLE

## D

normal operating condition

the terminal of short circuit

Maximum conductor temperature at

Document ID: TE/QMS/F/02		<b>DESIGN CODE: WSIS09CYUAY1003C004S</b>
Parti	iculars	3 Core X 4 Sq.mm
Name	of Manufacturer	Polycab India Ltd
Type of cable		Submersible Cable
Voltaç	ge Grade (Volts)	1100
No of	cores X size in Sq.mm.	3 Core X 4 Sq.mm
Cond	ductor	
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)	4.95
c)	Shape of the conductor	Flexible Circular
Insu	lation	
a)	Material	PVC TYPE D as per IS 5831/1984, Latest
b)	Nominal thickness (mm)	0.8
c)	Core identification	Red , Yellow and Blue
Sheath		
a)	Material	Extruded PVC Type ST3 as per IS 5831/1984, Latest
b)	Nominal Thickness (mm)	1.0
c)	Colour of outer sheath	Black
Maxin	num overall dimension of the cable in (mm)	15.3 x 7.1
Elec	trical Parameters	
Maximum conductor temperature under		70° C

160°C





Continuous Current carrying capacities:		
a) In Air at 40°C (A)	26	
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.