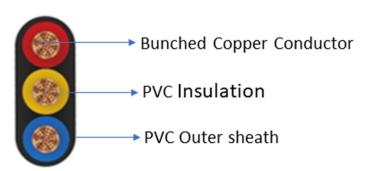


CABLES





FLAT SUBMERSIBLE CABLE

| Document ID: TE/QMS/F/02 | DESIGN CODE: WSIS09CYUAY1003C2.5S |
|--|---|
| Particulars | 3 Core X 2.5 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 2.5 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) | 7.98 |
| c) Shape of the conductor | Flexible Circular |
| Insulation | |
| a) Material | PVC TYPE D as per IS 5831/1984, Latest |
| b) Nominal thickness (mm) | 0.7 |
| 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 |
| Maximum overall dimension of the cable in (mm) | 13 x 6.2 |
| 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 | s :- |
|--|--|
| a) In Air at 40°C (A) | 20 |
| 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> |

Rev. No.: 00 Issued Date : 23/02/2022

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