



ravicab® 3 x 2.5 SQ MM 1100V IS : 694  CML-2406240

3CORE FLAT
SUBMERSIBLE CABLES

"3 CORE FLAT SUBMERSIBLE CABLE"

APPLICATION

Ravicab 3 Core flat Submersible cables are used for Submersible Pumps in deep well for Irrigation Fields, drinking water treatment plant, industries, mine de-watering & sewage treatment plants.

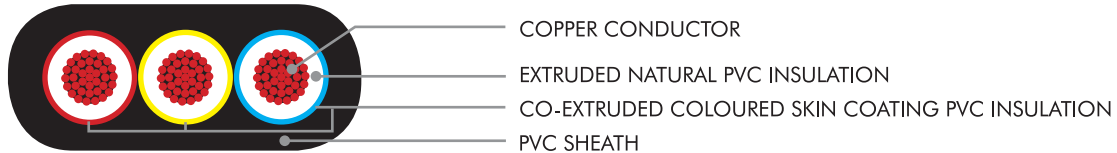
PRODUCT RANGE

3 core x 1 sq. mm to 50 sq. mm

Note : For Export - 4 core round / flat Submersible cable with double sheath can also be manufactured.

CONSTRUCTION

- Reference Standard - IS:694
- Conductor - Electrolytic grade high conductive annealed bare flexible copper conductor - Class 5 as per IS: 8130.
- Insulation (flexible cables) - General Purpose PVC insulation (70°/ 85°C) - Type A or Type C
- Cores identification - 3 core - Red, Yellow and, Blue
- Sheath - General Purpose PVC sheath (70°/ 85°C) - Type St1 or Type ST2



Ravicab 3 Core Flat Submersible Copper Unsheathed Flexible Cable 1100V Grade

| Nom. cross sectional area of conductor | No./dia of Stands mm | Nominal thickness of insulation | Nominal thickness of sheath | Maximum overall diameter | Max. DC Resistance of conductor at 20°C | Current Carrying Capacity at 40° C |
|--|----------------------|---------------------------------|-----------------------------|--------------------------|---|------------------------------------|
| Sq.mm | mm | mm | mm | mm | - | Amps |
| 1.5 | 22/0.3 | 0.6 | 0.9 | 11.7 x 5.3 | 12.1 | 16 |
| 2.5 | 36/0.3 | 0.7 | 1.0 | 13.0 x 6.2 | 7.41 | 22 |
| 4 | 56/0.3 | 0.8 | 1.0 | 15.3 x 7.1 | 4.95 | 29 |
| 6 | 85/0.3 | 0.8 | 1.1 | 19.2 x 8.4 | 3.30 | 37 |
| 10 | 140/0.3 | 1.0 | 1.4 | 24.2 x 10.4 | 1.91 | 51 |
| 16 | 126/0.4 | 1.0 | 1.4 | 29.0 x 12.4 | 1.21 | 68 |
| 25 | 196/0.4 | 1.2 | 2.0 | 36.5 x 15.7 | 0.780 | 86 |
| 35 | 276/0.4 | 1.2 | 2.0 | 40.5 x 17.2 | 0.554 | 110 |
| 50 | 396/0.4 | 1.4 | 2.2 | 45.7 x 19.0 | 0.386 | 145 |

* Selection of cable shall be based on depth of Borewell & the capacity of Motor.

* Cables with improved fire performance can also be supplied



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