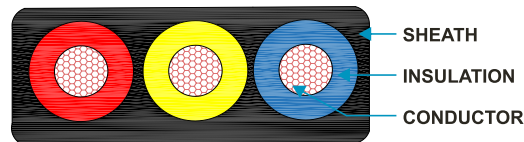




Flat Submersible Cables

Flat Submersible Cable-PVC Insulated



Application

The PVC insulated and sheathed 3 core flat cables are mainly used in pump connections. They are also used in many industrial applications. The sheath is specially made out to resist tough and difficult outdoor conditions & excellent resistant to water.

Construction

- Conductor: Electrolytic grade annealed copper
- PVC 70°C, IS 694, IS 8130 Class 2 (1.5 & 2.5 Sq. mm), for others class 5, IS 5831 Type A insulation & ST-1 sheath.
- PVC HR 85°C. IS 694, IS 8130 Class 2 (1.5 & 2.5 Sq. mm), for others class 5, IS 5831 Type C insulation & ST-2 sheath.
- Core Colour : Red, Yellow, Blue
- Sheath Colour : Black

Properties

- Excellent resistance to water
- RoHS compliance

Technical Parameter

- Approvals : IS 694 marked
- Voltage grade : Upto and including 1100v
- Temp rating : -25°C to 85°C



Dimension

Part code	Core x Cross sectional area	Conductor resistance at 20°C (Ω/km) Max	Nom. Insulation thickness mm	Nominal sheath thickness mm	Approx. overall dimensions mm	Weight Approx Kg/Km
	Sq. mm					
1601B030010	3x1	19.5	0.6	0.9	11.0 X 5.40	120
1601B030015	3x1.5*	12.1	0.6	0.9	12.0 X 5.6	135
1601B030025	3x2.5*	7.41	0.7	1.0	13.0 X 6.2	185
1601B030040	3x4	4.95	0.8	1.0	15.3 X 7.1	255
1601B030060	3x6	3.30	0.8	1.1	19.2 X 8.4	355
1601B030100	3x10	1.91	1.0	1.4	24.2 X 10.4	570
1601B030160	3x16	1.21	1.0	1.4	29.0 X 12.4	850
1601B030250	3x25	0.78	1.2	2.0	36.5 X 15.7	1390
1601B030350	3x35	0.554	1.2	2.0	40.5 X 17.2	1800
1601B030500	3x50	0.386	1.4	2.2	46.5 X 19.3	2260

*Conductor configuration offered for 1.5 Sq mm-22/0.3 mm, 2.5 Sq mm – 36/0.3 mm (max.), class 2 as per IS 8130



1601 - Submersible PVC Flat Cables