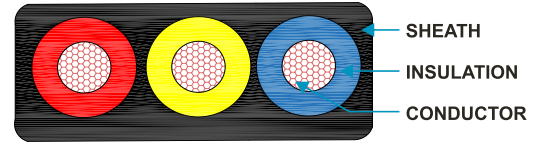




Flat Submersible Cables

Flat Submersible Cable-XLPE Insulated



1602 - Submersible PVC Flat Cables

Application

These cables are mainly used in pump connection. Though they are mainly used to supply power to pumps, they are also used in industrial applications. These cables are specially manufactured keeping in mind the severe, tough and difficult conditions in which they are used.

Properties

- Excellent resistance to water
- RoH compliance

Construction

- Conductor : Class 2 (1 to 2.5 Sq. mm) for others class 5 to IS 8130/84
- Insulation : XLPE as per IS 7098 part 1
- Sheath : PVC ST-2 sheath to as per IS 5831-84
- Core colour : Red, Yellow, Blue
- Sheath colour : Black

Technical Parameter

- Voltage grade : Upto and including 1100v
- Temp rating : -40°C to 90°C



Dimension

Part code	Cross sectional area	No. of Strands/Max. Strands Dia. mm	Conductor resistance at 20°C (Ω/km) Max	Nom. Insulation thickness mm	Nominal sheath thickness mm	Approx. overall dimensions mm	Core x
	Sq. mm						mm ²
1602B030010	1	14/0.3	18.1	0.7	1.0	10.6 X 5.2	3x 1.00
1602B030015	1.5	22/0.3	12.1	0.7	1.0	11.6 X 5.5	3x 1.50
1602B030025	2.5	36/0.3	7.41	0.7	1.1	13.1 X 6.2	3x 2.50
1602B030040	4	56/0.3	4.95	0.8	1.1	15.0 X 6.8	3x 4.00
1602B030060	6	84/0.3	3.30	0.8	1.2	17.2 X 7.7	3x 6.00
1602B030100	10	140/0.3	1.91	0.8	1.3	20.2 X 8.8	3x 10.0
1602B030160	16	126/0.4	1.21	0.8	1.4	23.6 X 10.0	3x 16
1602B030250	25	196/0.4	0.78	1.0	1.5	28.9 X 12.0	3x 25
1602B030350	35	276/0.4	0.554	1.0	1.6	32.7 X 13.4	3x 35
1602B030500	50	396/0.4	0.386	1.2	1.7	38.7 X 15.5	3x 50

