



PROVEN SUPERIOR QUALITY
**SUBMERSIBLE
FLAT CABLES**
&
WINDING WIRES

BENEFITS OF FLAT CABLES

- Flame retardent as per IEC 60332-1-2
- Flamability test as per IS 10810-53
- Resistant to Water Absorption
- Resistant to damp soil
- Resistant to certain Alkalies & Acids
- In-built UV protection

**Sizes: 1.5 sqmm to 16sqmm available
Bigger sizes available on request**

BENEFITS OF WINDING WIRES

- The special insulation tapes for insulating the wire, the grains are bi axial to impart excellent strength against abbrasion and tear along with excellent electrical properties.
- Highly non Hygroscopic

**Size from 0.6mm upto 2.6mm.
Bigger sizes available on request**

SBEE AQUAPOWER SUBMERSIBLE FLAT CABLE



TECHNICAL DATA

BIS Certified	Test Voltage: 3kV	Temperature Range: Fixed Installation -30°C to +80°C PVC
Specific Insulation Resistance: >20G Ω x cm	Rated Voltage: U ₀ /U :300 / 500 Volts, 1100V Grade	Occasional flexing -50 C +70°C
Conductor Bunching: Short lay, Class 5 as per IS 8130		Minimum Bending Radius: Occasional Flexing 20 x Cable Dia Fixed Application 6 x Cable Dia

APPLICATIONS

- O.E.M, Submersible Pump Manufacturers
- Pump Installation Contractors
- Submersible Pump Re-Conditioning Agencies

PRODUCT MAKEUP

- Strands of Electrolytic Grade, Oxygen free Bare Copper wire class II or Class V As per IS 8130
- Different classes of PVC Insulation Sheath
- Outer sheath colour Black to RAL 9005

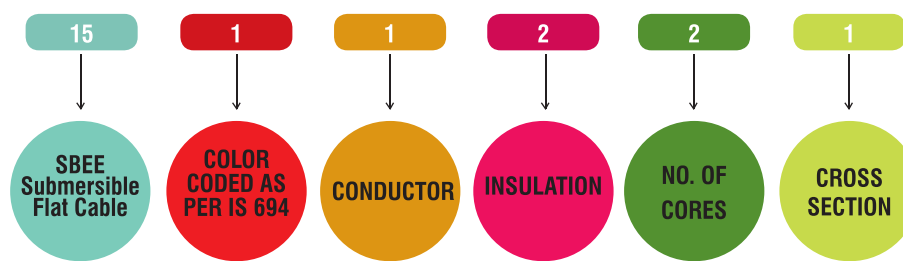
PRODUCT FEATURES

- Flame retardent as per IEC 60332-1-2
- Flamability test as per IS 10810-53
- Resistant to Water Absorbtion
- Resistant to damp Soil
- Resistant to certain Alkales & Acids.

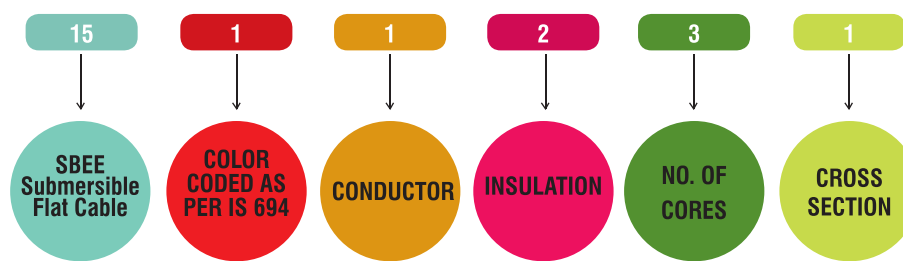
* Energy efficient product optional and available on request. * Anti-rodent & anti-termite properties optional on request. * In-built UV protection.

Article No.	Crossection mm ²	Width 'W' mm	Height 'T' mm	Copper Weight Kg/Km	Cable Wt Kg/Km
1511221	2 X 1.0	7.80	5.00	18.00	69.00
1511222	2 X 1.5	8.40	5.40	27.00	83.00
1511223	2 X 2.5	10.00	6.40	44.00	115.00
1511224	2 X 4.0	11.50	7.20	71.00	156.00
1511225	2 X 6.0	13.00	8.00	107.00	203.00
1511226	2 X 10.0	16.00	9.60	178.00	307.00
1511227	2 X 16.0	18.50	11.00	284.00	436.00
1511228	2 X 25.0	22.50	13.00	445.00	643.00
1511229	2 X 35.0	25.50	14.50	622.00	848.00
15112210	2 X 50.0	29.00	16.50	889.00	1170.00
1511231	3 X 1.0	10.50	5.00	27.00	92.00
1511232	3 X 1.5	11.50	5.40	36.00	97.00
1511233	3 X 2.5	14.00	6.40	60.00	139.00
1511234	3 X 4.0	16.50	7.20	99.00	212.00
1511235	3 X 6.0	18.00	8.00	148.00	276.00
1511236	3 X 10.0	22.50	9.60	262.00	449.00
1511237	3 X 16.0	26.50	11.00	412.00	647.00
1511238	3 X 25.0	32.50	13.50	641.00	975.00
1511239	3 X 35.0	36.00	15.00	902.00	1296.00
15112310	3 X 50.0	41.50	17.00	1295.00	1808.00

Example to find out Part Number, Type A & ST1 PVC 2 Core of 1.0mm², CLASS 5, BARE CU, Submersible Flat Cable



Example to find out Part Number, Type A & ST1 PVC 3 Core of 1.0mm², CLASS 5, BARE CU, Submersible Flat Cable



- Note:
1. Packing of 500 and 1000mtrs in Wooden Drums
 2. Packing of 100mtrs in Rings
 3. Packing of odd lengths, based on cable size

SBEE AQUAPLUS POLYSTER & POLYPROPYLENE WINDING WIRES



TECHNICAL DATA

- BIS Certified As per IS 8783 Part 4 Section 3 for Polyester & Polypropylene taped
As per 8783 Part 4 Section 1 for HRPVC Insulated
- Test Voltage: 3KV AC
- Rated Voltage: 1100 volts grade.
- Specific Insulation Resistance: 'As per IS 5831 for HR PVC & IS 8783 Part 4/ sec3 for polyester & polypropylene taped
- Temperature Range: Fixed Installation -65° C to +90° C PVC HR
- Minimum Bending Radius: Fixed Application 12 x Cable Dia

APPLICATIONS

- Winding wires for O.E.M's & Submersible Pump Manufacturers
- Submersible Pump Re-Conditioning Agencies

PRODUCT MAKEUP

- Strands of Electrolytic Grade, Oxygen free Bare Copper insulated with absorption resistant & special insulating materials
- Conductor is fully annealed to impart excellent flexibility

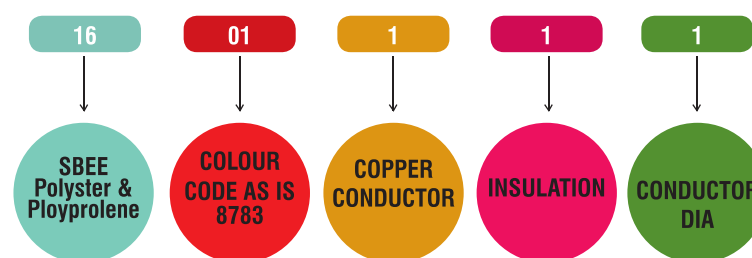
PRODUCT FEATURES

- The special insulation tapes used for insulating the wire, the grains are bi axial to impart excellent strength against abbrasion and tear along with excellent electrical properties.
- Highly non Hygroscopic

* Energy efficient product optional and available on request. * Anti-rodent & anti-termite properties optional on request.

Article Number	Nom Conductor	Nom Crosssectional Area	Approximate Overall Dia mm +/- 0.003	Copper Weight	Maximum Conductor Resistance @20°C Ohms/Km	Conductor Elongation	Weight of the wire Kg/Km
1601111	0.40	0.125	0.80	1.11	140	24	1.47
1601112	0.45	0.159	0.85	1.41	112	25	1.80
1601113	0.50	0.196	0.90	1.74	90	25	2.16
1601114	0.55	0.238	0.95	2.12	75	26	2.56
1601115	0.60	0.283	1.00	2.52	62	26	2.99
1601116	0.65	0.332	1.05	2.95	54	28	3.46
1601117	0.70	0.385	1.10	3.42	46	28	3.96
1601118	0.75	0.442	1.15	3.93	40	28	4.49
1601119	0.80	0.502	1.20	4.46	35	29	5.06
16011110	0.90	0.638	1.30	5.67	28	30	6.33
16011111	0.95	0.769	1.35	6.84	25	30	7.52
16011112	1.00	0.785	1.45	6.98	22	30	7.80
16011113	1.10	0.850	1.55	7.56	19	31	8.44
16011114	1.20	1.130	1.65	10.05	16	31	11.00
16011115	1.30	1.330	1.75	11.82	13	31	12.84
16011116	1.40	1.540	1.90	13.69	11	32	14.92
16011117	1.50	1.770	2.00	15.74	10	32	17.03
16011118	1.60	2.010	2.10	17.87	9	32	19.24
16011119	1.70	2.270	2.20	20.18	8	32	21.63
16011120	1.80	2.540	2.30	22.58	7	32	24.10
16011121	1.90	2.840	2.40	25.25	6	32	26.84
16011122	2.00	3.140	2.50	27.91	6	33	29.59

Example to Find Part Number 0.40mm Winding Wire



Note:
1. Packing of 500/1000/2000 mtrs ring in carton box