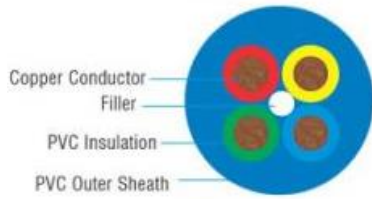


## ROUND SUBMERSIBLE CABLE



### APPLICATION

Submersible cables are used for continuous in deep well to supply power to submersible pump motor to a depth upto 500m

### CHARACTERISTICS

#### Voltage Rating

450/750v up to 1100v

#### Temperature Rating

-85°C

#### Minimum Bending Radius

8 x overall diameter

### CONSTRUCTION

#### Conductor

Class 5 Flexible copper conductor

#### Insulation

Welding and submersible PVC  
TRS-70 Natural

#### Sheath

Welding and submersible PVC  
TRS-70 Natural

### CABLE THIRD-PARTY ACCREDITATION

Cables are tested and accredited by Kenya Bureau and Standards (KEBS).

### STANDARDS

KS-IEC 50525-3-11 KS-IEC 60228, KS-EAS 117

Flame Retardant according to IEC/EN 60332-1-2



### CORE IDENTIFICATION

3 core: Green/Yellow Blue Brown  
4 core: Green/Yellow Brown Black  
 Blue

### Sheath Colour

Blue



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## DIMENSIONS

### 3 Core Round Cable

Conductor		PVC Insulation		PVC Sheath		Max. Conductor Resistance at 20 <sup>0</sup> C Ω/Km	Current Carrying Capacity at 40 <sup>0</sup> C Amps
Area (Nom.) Sq.mm	No. of wires / dia. of strands No./mm (Max.)	Thickness (Nom.) mm	Core Dia (Nom.) mm	Thickness (Nom.) mm	Approx. Overall Dimensions (mm)		
1.5	22/0.30	0.80	3.25	1.50	10.00	12.10	14
2.5	36/0.30	0.90	3.80	1.50	11.00	7.41	18
4	56/0.30	1.00	4.50	1.60	13.00	4.95	26
6	84/0.30	1.00	5.25	1.60	14.60	3.30	31
10	140/0.30	1.00	6.50	2.00	18.00	1.91	42
16	224/0.30	1.00	8.00	2.00	21.20	1.21	57
25	350/0.30	1.20	10.10	2.40	26.50	0.780	72
35	490/0.30	1.20	11.30	2.60	29.50	0.554	90
50	703/0.30	1.40	13.30	3.10	34.80	0.386	115
70	988/0.30	1.40	15.30	3.20	39.30	0.272	143
95	1349/0.30	1.60	18.00	3.50	45.70	0.206	165

### 4 Core Round Cable

Conductor		PVC Insulation		PVC Sheath		Max. Conductor Resistance at 20 <sup>0</sup> C Ω/Km	Current Carrying Capacity at 40 <sup>0</sup> C Amps
Area (Nom.) Sq.mm	No. of wires / dia. of strands No./mm (Max.)	Thickness (Nom.) mm	Core Dia (Nom.) mm	Thickness (Nom.) mm	Approx. Overall Dimensions (mm)		
1.5	22/0.30	0.80	3.25	1.50	10.80	12.10	14
2.5	36/0.30	0.90	3.80	1.65	12.50	7.41	18
4	56/0.30	1.00	4.50	1.65	14.10	4.95	26
6	84/0.30	1.00	5.25	1.65	16.00	3.30	31
10	140/0.30	1.00	6.50	2.00	20.35	1.91	42
16	224/0.30	1.00	8.00	2.00	23.40	1.21	57
25	350/0.30	1.20	10.10	2.40	29.20	0.780	72
35	490/0.30	1.20	11.30	2.60	32.40	0.554	90
50	703/0.30	1.40	13.30	3.10	38.25	0.386	115
70	988/0.30	1.40	15.30	3.20	43.30	0.272	143
95	1349/0.30	1.60	18.00	3.50	50.40	0.206	165

All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for products set forth our standard terms and conditions of sale



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