



UNIWIRED CABLES

3-CORE SUBMERSIBLE CABLE



694 CM/
L NO. 8400077511





- **CONDUCTOR:**

99.97% pure bare annealed EC grade copper.

- **OUTER SHEATH:**

Special PVC: Black, Blue color

(*Any other Color on specific request can also be supplied)

- **INSULATION:**

PVC type A compound.

- **STANDARD LENGTH CABLE PACKING:**

Coils 100, 200, 300 and 500, 1000m. In wooden drums

FEATURES:



- Bright-annealed 99.97% pure bare copper conductors these cables have low conductor resistance
- Quality backed by 22 years experience in cable industry
- Excellent resistant to moisture, abrasion, grease, oil.
- Longer Flexible Life
- Excellent mechanical & electrical properties
- Generally Conforming to: IEC 60227, BS 6500, UL-83, CENELEC HD 21, IS 694 and DIN VDE 0281.

APPLICATION:

Johnson Cables are used for giving electrical connection to the submersible pump motors. up to the depth of 500 m and water temperature up to +75°C. These cables are ideal for outer installations in dry, moist and wet environments but however not suitable for explosive areas.

TECHNICAL SPECIFICATION: PVC FLAT - 3&4 CORE



Conductor		PVC Insulation		Approx. Overall Dimensions of Cable		Conductor Resistance at 20°C (max)	Current Rating at 40°C
Nominal Area in	Nos. & Dia. of wire	Nominal Thickness	Nominal Core Dia.	3 Core	4 Core		
				(T x W) Thickness x Width	(T x W) Thickness x Width		
Sq. mm.	Nos./mm	Mm	mm	mm	mm	Ω/km	Amps.
1.5	22/0.30	0.80	3.25	6 x 12.8	6 x 15.8	12.1	14
2.5	36/0.30	0.9	3.84	6.4 x 14.6	6.5 x 18	7.41	18
4	56/0.30	1	4.5	7.4 x 16.8	7.6 x 21	4.95	26
6	84/0.30	1	5.3	7.9 x 18.7	7.9 x 24.3	3.3	31
10	140/0.30	1	6.58	9.9 x 23.7	9.9 x 29.7	1.91	42
16	224/0.30	1	10.1	11.4 x 28	11.8 x 36	1.21	57
25	350/0.30	1.2	11.3	14.7 x 35.5	14.7 x 45.1	0.78	72
35	490/0.30	1.2	13.6	16.2 x 39.5	16.2 x 50.1	0.554	90
50	703/0.30	1.4	15.3	18.3 x 45.5	18.3 x 58.1	0.386	115
70	988/0.30	1.4	18	20 x 51	20 x 66.5	0.272	143
95	1349/0.30	1.6	18	23.5 x 60	23.5 x 77.3	0.206	165