

APAR Shakti | Flat Multicore



STRANDED BARE ANNEALED COPPER CONDUCTOR · PVC INSULATED & PVC SHEATHED FLAT SUBMERSIBLE CABLE

APAR 3 Core Flat Submersible Pump cables, featuring specially formulated PVC insulation and sheath for submersible pump motor applications, have a high abrasion-resistant outer sheath, excellent mechanical and electrical properties, resistance to moisture, chemical and water, making them suitable for challenging underground and underwater conditions with a maximum operating temperature of 70°C.



3 CORE · FLAT SUBMERSIBLE CABLE



IS: 694 AND OTHER INTERNATIONAL SPECIFICATIONS



MAXIMUM OPERATING TEMPERATURE UP TO 70°C



HIGH OPERATING LIFE OF THE CABLES



INCREASE FLEXIBILITY



SPECIALLY IN-HOUSE FORMULATED PVC COMPOUND

TECHNICAL CHARACTERISTICS & STANDARDS

70°C
MAX OPERATING TEMP

IS 694
SPECIFICATION

3 Core
FLAT CONSTRUCTION

3 Core Flat, Stranded Bare Annealed Copper Conductor

Nominal Area of Copper Conductor Sq.mm	Conductor Construction (No./Dia. mm)	Thickness of Insulation (Nominal) mm	Thickness of Outer Sheath (Nominal) mm	Approx Overall Dimension (Width x Thickness) mm	Conductor Resistance (Max) per km @20°C ohms	Max Current Carrying Capacity amps
1.5	30/0.25	0.6	0.9	10.3 X 4.7	13.3	14
2.5	50/0.25	0.7	1.0	12.4 X 5.5	7.98	15
4	56/0.3	0.8	1.0	14.5 X 6.3	4.95	26
6	84/0.3	0.8	1.1	16.4 X 7.0	3.30	31
10	140/0.3	1.0	1.4	21.3 X 9.0	1.91	42
16	226/0.3	1.0	1.4	24.9 X 10.3	1.21	57
25	354/0.3	1.2	2.0	31.3 X 13.2	0.780	72
35	495/0.3	1.2	2.0	34.9 X 14.4	0.554	90
50	703/0.3	1.4	2.2	41.8 X 16.9	0.386	115

CORE

3 Core

TYPE

Copper Conductor

LENGTH

500/1000 m

COLOUR

Black