

APAR Alum Shakti | Flat Multicore



STRANDED BARE ALUMINIUM CONDUCTOR · HR PVC INSULATION & OUTER SHEATH

APAR 3 Core Flat Submersible Pump cables, featuring multistranded flexible aluminium conductors and In-house formulated HR PVC insulation and abrasion-resistant PVC sheath, are ideal for submersible pump motor applications with excellent mechanical and electrical properties, resistance to abrasion, moisture, chemical, and water, suitable for challenging underground and underwater conditions, and have a maximum operating temperature of 85°C.





IS: 694 AND OTHER INTERNATIONAL SPECIFICATIONS



HIGH OPERATING LIFE OF THE CABLES



SPECIALLY IN-HOUSE FORMULATED PVC COMPOUND



MAXIMUM OPERATING TEMPERATURE UP TO 85° C



INCREASE FLEXIBILITY

TECHNICAL CHARACTERISTICS & STANDARDS

85°C
MAX OPERATING TEMP

IS: 694
SPECIFICATION

500 m
STANDARD LENGTH

3 Core Flat, stranded bare ALUMINIUM conductor, inner core HR PVC insulated and outer sheath is HR PVC

Nominal Area of Copper Conductor Sq.mm	Thickness of Insulation (Nominal) mm	Thickness of Outer Sheath (Nominal) mm	Approx Overall Diamensi (Width x Thickness) mm	Conductor Resistance (Max) per km @20°C ohms	Max Current Carrying Capacity amps
2.5	0.7	1.0	13.0 X 5.7	12.1	20
4	0.8	1.0	15.5 X 6.6	7.41	27
6	0.8	1.1	18.8 X 7.8	4.61	31
10	1.0	1.4	23.3 X 9.7	3.08	39
16	1.0	1.4	27.0 X 11.0	1.91	53

CORE	TYPE	LENGTH	COLOUR
3 Core	Aluminium Conductor	500 m	Black