

APAR Mahashakti | Flat Multicore



3 CORE FLAT · XLPO INSULATED & SPECIAL ELASTOMER SHEATHED CABLE

APAR Mahashakti cables feature specially developed PVC compounds and XLPO compound with high-temperature ratings, providing protection against electric shock, short circuits, and fire hazards, while also demonstrating excellent insulation resistance and durability even under long-term overload conditions.





MAXIMUM OPERATING TEMPERATURE UP TO 120°C



HIGH OPERATING LIFE OF THE CABLES



INCREASE FLEXIBILITY



SPECIALLY IN-HOUSE FORMULATED XLPO COMPOUND

TECHNICAL CHARACTERISTICS & STANDARDS

120°C
MAX OPERATING TEMP

XLPO
INSULATION

3 Core
FLAT CONSTRUCTION

3 Core Flat, XLPO insulated and special Elastomer sheathed cable						
Nominal Area of Copper Conductor Sq.mm	Number of Wire / Diameter of Wire (No./Dia.mm)	Thickness of Insulation (Nominal) mm	Thickness of Outer Sheath (Nominal) mm	Approx Overall Diameter (Width/Height) mm	Conductor Resistance (Max) per km @20°C ohms	Current Carrying Capacity 2 Cables, Single Phase Amps.
1.5	30/0.26	0.65	0.95	10.30 × 4.90	13.3	21
2.5	50/0.26	0.75	1.05	12.6 × 5.8	7.98	27
4	56/0.31	0.85	1.1	14.8 × 6.60	4.95	39
6	84/0.31	0.85	1.3	16.95 × 7.4	3.3	46
10	140/0.31	1.2	1.7	24.15 × 10.15	1.91	63
16	226/0.31	1.05	1.6	26.2 × 10.7	1.21	85
25	354/0.31	1.4	2	32.8 × 13.6	0.78	105
35	495/0.31	1.4	2.25	37.4 × 15.8	0.554	130
50	703/0.31	1.5	2.3	42.6 × 17.4	0.386	165

*Also available in XLPE and Rubber insulation
^Also available in flexible aluminium conductor

CORE	INSULATION	LENGTH	COLOUR
3 Core	XLPO	500/1000 m	Grey