

APAR Mahashakti | Round Multicore



ANNEALED COPPER CONDUCTOR · XLPO INSULATED & SPECIAL ELASTOMER SHEATHED CABLE

APAR Mahashakti cables, developed in-house, feature XLPO compounds providing protection against electric shock, high oxygen and temperature resistance for fire safety, exceptional overload capacity, non-melting insulation, and improved aging properties for an extended operating life.



ROUND MULTICORE · XLPO INSULATED



FLEXIBLE & CORD CABLES FOR ALL ELECTRICALLY OPERATED MACHINES & EQUIPMENTS (E.G. AIR-CONDITIONERS / REFRIGERATORS / MOTORS ETC.)



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VARIOUS SIZES RANGING FROM 0.5 SQ. MM TO 50 SQ. MM ARE AVAILABLE IN 2, 3, AND 4 CORES. LARGER CORES AND SIZES CAN BE OBTAINED UPON REQUEST.



101% COPPER CONDUCTIVITY, 99.95% PURE BARE COPPER CONDUCTOR

TECHNICAL CHARACTERISTICS & STANDARDS

101%
COPPER CONDUCTIVITY

2 / 3 / 4
CORE OPTIONS

0.5-50
SQ.MM SIZES

Annealed Copper Conductor, XLPO insulated and special Elastomer sheathed cable

Nominal Area of Conductor Sq.mm	Conductor Construction mm	Thickness of Insulation (Nominal) mm	Nominal Thickness of Sheath mm			Approx Overall Diameter mm			Conductor Resistance (Max) per km @20°C ohms	Current Carrying Capacity 2 cables, single phase Amps
			2 Core	3 Core	4 Core	2 Core	3 Core	4 Core		
0.5	19/0.20	1	1	1	1	8.5	9.2	10	39	7
0.75	24/0.2	1	1	1	1.1	9.0	9.5	10.5	26	11
1	32/0.2	1	1	1	1.1	9.5	10	11	19.5	14
1.5	30/0.25	1	1	1.1	1.1	10	11	12	13.3	21
2.5	50/0.25	1	1.1	1.1	1.1	11	11.5	13	7.98	27
4	56/0.30	1	1.2	1.2	1.2	12.5	13	14	4.95	39
6	84/0.4	1	2	2.1	2.5	15	16	18.5	3.3	46
10	80/0.4	1.2	2.4	2.5	2.7	19.5	21	23	1.91	63
16	126/0.4	1.2	2.5	2.7	2.9	22	24	26.5	1.21	85
25	196/0.4	1.4	3.2	3.3	3.4	27.5	29.5	32	0.78	105
35	276/0.4	1.4	3.3	3.4	3.5	30	36	35.5	0.554	130
50	396/0.4	1.6	3.5	3.6	3.7	33.5	40.5	39.5	0.386	165

CORE

2 Core / 3 Core / 4 Core

INSULATION

XLPO

LENGTH

100 Mtrs Coil, 500 Mtrs Drum, 1000 Mtrs Drum

COLOUR

Black