

APAR Alum Shakti | Round Multicore



STRANDED BARE ALUMINIUM CONDUCTOR · HR PVC INSULATED & SHEATHED

Stranded bare aluminium conductor: The cable comprises a stranded bare aluminium conductor, an inner core insulated with high-temperature-resistant (HR) PVC material, and an outer sheath made of HR PVC material, offering protection against electrical interference, physical damage, moisture, abrasion, and environmental factors.



ROUND MULTICORE · ALUMINIUM CONDUCTOR



HIGH CURRENT CARRYING CAPACITY



EXCELLENT FLEXIBILITY



LOW CONDUCTOR RESISTANCE



HEAT RESISTANT



EXCEPTIONAL MECHANICAL PROPERTIES

TECHNICAL CHARACTERISTICS & STANDARDS

HR PVC
INSULATION & SHEATH

2/3/4
CORE OPTIONS

1000 Mtrs
DRUM LENGTH

Round Multicore, Stranded bare ALUMINIUM conductor, inner core HR PVC insulated, and the outer sheath is HR PVC material sheathed cable

Nominal Area of Aluminium Conductor Sq.mm	Thickness of Insulation (Nominal) mm	Thickness of Outer Sheath (Nominal) mm	Approx Overall Diameter mm	Conductor Resistance (Max) per km @20°C ohms	Max Current Carrying Capacity, Single Phase amps
2 × 1.5	0.6	0.9	7.8	18.1	16
2 × 2.5	0.7	1.0	9.3	12.1	21
2 × 4	0.8	1.0	10.8	7.41	28
2 × 6	0.8	1.1	12.5	4.61	32
2 × 10	1.0	1.2	15.4	3.08	40
2 × 16	1.0	1.3	18.7	1.91	54
3 × 1.5	0.6	0.9	8.3	18.1	15
3 × 2.5	0.7	1.0	9.9	12.1	20
3 × 4	0.8	1.1	11.7	7.41	27
3 × 6	0.8	1.1	13.4	4.61	31
3 × 10	1.0	1.2	16.5	3.08	39
3 × 16	1.0	1.3	20.0	1.91	53
4 × 1.5	0.6	0.9	9.1	18.1	15
4 × 2.5	0.7	1.0	10.8	12.1	20
4 × 4	0.8	1.1	12.8	7.41	27
4 × 6	0.8	1.2	14.8	4.61	31
4 × 10	1.0	1.3	18.3	3.08	39
4 × 16	1.0	1.4	22.2	1.91	53

CORE

2 Core/ 3 Core/ 4 Core

INSULATION

HR PVC

LENGTH

100 Mtrs Coil, 500 Mtrs Drum, 1000 Mtrs Drum – 2 Core
100 Mtrs Coil, 500 Mtrs Drum, 1000 Mtrs Drum | 500 Mtrs Drum, 1000 Mtrs Drum – 3 Core
100 Mtrs Coil, 500 Mtrs Drum, 1000 Mtrs Drum | 500 Mtrs Drum, 1000 Mtrs Drum – 4 Core

COLOUR

Outer Sheath Black, Custom Color Available