

APAR Multicore Flexible Wires and Cables are versatile for low voltage applications, boasting highly flexible copper conductors with high dielectric strength, exceptional thermal stability, insulation resistance, and safety features, making them suitable for various electrical uses.



ROUND MULTICORE · PVC SHEATHED



LEAD
FREE



ANTI-
TERMITE



100%
CONDUCTIVITY



LONGER
LIFE



ENERGY
SAVING



BETTER
FLEXIBILITY

TECHNICAL CHARACTERISTICS & STANDARDS

100%
CONDUCTIVITY

2/3/4
CORE OPTIONS

1000 m
DRUM LENGTH

Round Multicore, PVC Insulated & PVC Sheathed

Nominal Area of Conductor Sq.mm	Conductor Construction (No./Dia.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 2 Cables Single, Phase amps
ROUND MULTICORE, PVC INSULATED & PVC SHEATHED — 2 CORE						
2 × 0.5	16/0.2	0.6	0.9	6.4	39.0	4
2 × 0.75	24/0.2	0.6	0.9	6.7	26.0	7
2 × 1	32/0.2	0.6	0.9	7.0	19.5	12
2 × 1.5	30/0.25	0.6	0.9	7.6	13.3	16
2 × 2.5	50/0.25	0.7	1.0	9.0	7.98	20
2 × 4	56/0.3	0.8	1.0	10.5	4.95	27
2 × 6	84/0.3	0.8	1.1	11.8	3.30	34
2 × 10	80/0.4	1.0	1.3	15.1	1.91	44
2 × 16	126/0.4	1.0	1.4	17.7	1.21	61
2 × 25	196/0.4	1.2	1.4	21.2	0.780	69
2 × 35	276/0.4	1.2	1.6	23.9	0.554	88
2 × 50	396/0.4	1.4	2.0	29.1	0.386	116
2 × 70	360/0.5	1.4	2.2	32.5	0.272	155
2 × 95	475/0.5	1.6	2.4	36.7	0.206	190
ROUND MULTICORE, PVC INSULATED & PVC SHEATHED — 3 CORE						
3 × 0.5	16/0.2	0.6	0.9	6.7	39.0	3
3 × 0.75	24/0.2	0.6	0.9	7.1	26.0	6
3 × 1	32/0.2	0.6	0.9	7.5	19.5	10
3 × 1.5	30/0.25	0.6	0.9	8.0	13.3	14
3 × 2.5	50/0.25	0.7	1.0	9.6	7.98	18
3 × 4	56/0.3	0.8	1.0	11.1	4.95	24
3 × 6	84/0.3	0.8	1.2	12.7	3.30	30
3 × 10	80/0.4	1.0	1.4	16.2	1.91	39
3 × 16	126/0.4	1.0	1.4	18.9	1.21	55
3 × 25	196/0.4	1.2	1.5	22.9	0.780	60
3 × 35	276/0.4	1.2	1.6	25.6	0.554	77
3 × 50	396/0.4	1.4	2.0	31.1	0.386	102
3 × 70	360/0.5	1.4	2.2	34.8	0.272	140
3 × 95	475/0.5	1.6	2.4	39.2	0.206	165
ROUND MULTICORE, PVC INSULATED & PVC SHEATHED — 4 CORE						
4 × 0.5	16/0.2	0.6	0.9	7.3	39.0	3
4 × 0.75	24/0.2	0.6	0.9	7.7	26.0	6
4 × 1	32/0.2	0.6	0.9	8.1	19.5	10
4 × 1.5	30/0.25	0.6	1.0	9.0	13.3	14
4 × 2.5	50/0.25	0.7	1.0	10.5	7.98	18
4 × 4	56/0.3	0.8	1.0	12.2	4.95	24
4 × 6	84/0.3	0.8	1.2	13.9	3.30	30
4 × 10	80/0.4	1.0	1.4	17.9	1.91	39
4 × 16	126/0.4	1.0	1.4	20.8	1.21	55
4 × 25	196/0.4	1.2	1.6	25.4	0.780	60
4 × 35	276/0.4	1.2	1.7	28.5	0.554	77
4 × 50	396/0.4	1.4	2.0	34.3	0.386	102
4 × 70	360/0.5	1.4	2.2	38.4	0.272	140
4 × 95	475/0.5	1.6	2.4	43.3	0.206	165

CORE

2 Core / 3 Core / 4 Core

INSULATION

PVC

LENGTH

100 Mtrs Coil, 500 Mtrs Drum, 1000 Mtrs Drum

COLOUR

Black