PVC INSULATED WIRES & CABLES

Multicore Flexible Cable

PVC Insulated & PVC Round Sheathed · Up to 1100 V



DISTINGUISHING FEATURES

- **Conductor:** flexible annealed bare copper
- **Insulation:** colour-coded PVC / HRFR / FR-LSH cores
- **Sheath:** PVC round — abrasion & moisture resistant
- **Voltage grade:** up to & including 1100 V AC
- **Standard:** IS : 694 : 2010, latest amendments
- **Range:** 2, 3 & 4 core · 0.50–70 sq.mm

Ceekaylite Multicore Flexible Cables are engineered for demanding industrial and domestic installations where reliability is non-negotiable. Constructed with flexible annealed bare copper conductors and a tough PVC round sheath, they deliver outstanding conductivity, flexibility and an exceptionally long service life. Rated up to and including 1100 Volt and conforming to IS 694 : 2010, they are the trusted choice for panel wiring, machinery, control circuits and general power distribution.

Voltage	Cores	Standard	Packing
1100 V	2 / 3 / 4	IS 694 : 2010	100 / 500 m

CONSTRUCTION

- Conductor: flexible annealed bare copper
- Insulation: colour-coded PVC / HRFR / FR-LSH cores
- Sheath: PVC, round profile
- Voltage grade: up to 1100 V AC

APPLICATIONS

- Panel wiring
- Machinery and equipment
- Control circuits
- General power distribution
- Industrial and domestic installations

STANDARDS & MARKING

- ISI marked to IS : 694 : 2010
- Licence no. CM/L-8560078
- HSN 8544
- Supplied in 100 / 500 metre coils

Detailed sizes and specifications for 2, 3 and 4 core are given on the next page.

PVC INSULATED WIRES & CABLES

Multicore Flexible Cable

Specifications · 2, 3 & 4 Core

AVAILABLE SIZES · 0.50 – 70 SQ.MM

Nominal cross-sectional area	Rating (A)	Nominal insulation thickness	Nominal thickness of sheath (mm)			Max. overall dimensions (mm)			Max. conductor resistance at 20 °C (Ω/km)
			2 Core	3 Core	4 Core	2 Core	3 Core	4 Core	
0.50 sq.mm	5 A	0.6 mm	0.9 mm	0.9 mm	0.9 mm	6.9 mm	7.3 mm	8.0 mm	39.0 Ω/km
0.75 sq.mm	7 A	0.6 mm	0.9 mm	0.9 mm	0.9 mm	7.3 mm	7.7 mm	8.4 mm	26.0 Ω/km
1.00 sq.mm	12 A	0.6 mm	0.9 mm	0.9 mm	0.9 mm	7.6 mm	8.1 mm	8.8 mm	19.5 Ω/km
1.50 sq.mm	16 A	0.6 mm	0.9 mm	0.9 mm	1.0 mm	8.9 mm	9.4 mm	10.4 mm	13.3 Ω/km
2.50 sq.mm	22 A	0.7 mm	1.0 mm	1.0 mm	1.0 mm	10.3 mm	10.9 mm	12.0 mm	7.98 Ω/km
4.00 sq.mm	29 A	0.8 mm	1.0 mm	1.0 mm	1.0 mm	11.6 mm	12.4 mm	13.6 mm	4.95 Ω/km
6.00 sq.mm	37 A	0.8 mm	1.1 mm	1.2 mm	1.2 mm	13.0 mm	13.8 mm	15.5 mm	3.30 Ω/km
10.00 sq.mm	51 A	1.0 mm	1.3 mm	1.4 mm	1.4 mm	16.5 mm	17.7 mm	19.5 mm	1.91 Ω/km
16.00 sq.mm	68 A	1.0 mm	1.4 mm	1.4 mm	1.4 mm	19.4 mm	20.6 mm	23.0 mm	1.21 Ω/km
25.00 sq.mm	86 A	1.2 mm	—	1.5 mm	1.6 mm	—	25.6 mm	28.5 mm	0.780 Ω/km
35.00 sq.mm	110 A	1.2 mm	—	1.6 mm	1.7 mm	—	29.3 mm	32.7 mm	0.554 Ω/km
50.00 sq.mm	145 A	1.4 mm	—	2.0 mm	2.0 mm	—	34.6 mm	38.6 mm	0.386 Ω/km
70.00 sq.mm	215 A	1.4 mm	—	2.2 mm	2.2 mm	—	39.6 mm	44.3 mm	0.272 Ω/km

Two-core configuration not available above 16 sq.mm. Overall dimensions are maximum values. Current rating is indicative.

PACKING & AVAILABILITY

2 Core	3 Core	4 Core	Packing
0.50 – 16 sq.mm	**0.50 – 70 sq.mm**	**0.50 – 70 sq.mm**	**100 / 500 m coils**