



POLYCAB

India's No.1 Cables & Wires Company

Multicore Flat Flexible Cables



Extremely flexible
and reliable



POLYCAB MULTICORE FLEXIBLE CABLES FOR LIFTS AND CRANES

Continuous bending radius changes during the movement of Cranes/Hoists or Lifts are made easy with POLYCAB Multicore Flat Flexible Cables which have been designed to meet the demand for high flexibility needed for these applications. These cables have been put to rigorous testing to meet internationally accepted specifications for such applications. Now, get POLYCAB Multicore Flat Flexible Cables to replace your imports for such cables and thus meet your demands locally.



POLYCAB Multicore Flat Flexible Cables

POLYCAB Multicore Flat Flexible Cables construction comprises of:

Conductor Construction: Bunched construction of Annealed Bare Copper, Class 5 of Electrolytic Grade.

Insulation: Specially formulated PVC compound IS 5831 to give glossy finished core with high flexibility.

Sheathing: Specially formulated PVC compound IS 5831 to give glossy finished core with high flexibility.

Unique Identification: Special knurled surface finish throughout the width of the cable for flat and knurled stripe is given for Round Multicore Flexible Cables to give unique identification.

Range: Flat as well as Round Multicore Flexible Cables can be offered from 3 cores to maximum 16 cores from sizes 0.5sq.mm to 4sq.mm and 3 cores & 4 cores in sizes 6sq.mm to 16sq.mm.

Extra Feature: We can also provide extra core of steel wire to provide mechanical strength to these flat cables with one such core for every 4 cores of Copper Conductors.

UNIQUE FEATURES:

- 1) Online Copper Drawing and Annealing
- 2) Glossy finish Cable
- 3) Soft Touch
- 4) Very High Flexibility
- 5) Suitable for Usage from -15°C to +70°C Applications



SPECIFICATIONS:

Cable Type: Multicore Flexible Festoon Cables with Annealed Bare Copper Conductor, PVC Insulated and PVC Sheathed Flat in Voltage Grade 650/1100V as per IS 694.

Temperature of the Conductor: -15°C to +70°C.

Conductor: As per Class 5 of IS 8130: 1984.

Insulation: PVC as per IS 5831, Thermoplastic material.

Identification of Cores: For 5 cores & above black insulation & core number printed in white ink. For upto 4 cores, core colours as per colour coding Red, Yellow, Blue and Yellow / Green.

Outer Sheath: PVC as per IS 5831, Thermoplastic material.

Colour: Generally black. Any other colour required will be against bulk orders.

Packing Length: 100/500mtrs coils or 1000mtrs drum supply for certain sizes.

Application: These cables are used in Hoists, Cranes and Lifts to carry the signals for all the controls required for the sophisticated Lift applications and Cranes/Hoist operations.

No. of Cores	Nom. Area of Conductor, Class 5	Nom. Thickness of Insulation	Nom. Thickness of Sheathing	Maximum Overall Dimensions	
				Width	Height
3	1.5	0.6	0.9	10.75	4.95
4	1.5	0.6	0.9	13.40	4.95
6	1.5	0.6	0.9	18.70	4.95
7	1.5	0.6	0.9	21.35	4.95
10	1.5	0.6	0.9	29.30	4.95
12	1.5	0.6	0.9	34.60	4.95
3	2.5	0.7	1.0	12.80	5.75
4	2.5	0.7	1.0	16.10	5.75
6	2.5	0.7	1.0	22.60	5.75
7	2.5	0.7	1.0	25.90	5.75
10	2.5	0.7	1.0	35.70	5.75
12	2.5	0.7	1.0	42.25	5.75
3	4.0	0.8	1.0	14.90	6.45
4	4.0	0.8	1.0	18.90	6.45
6	4.0	0.8	1.0	26.80	6.45
7	4.0	0.8	1.0	30.80	6.45
10	4.0	0.8	1.0	42.70	6.45
12	4.0	0.8	1.0	50.65	6.45
3	6.0	0.8	1.1	16.70	7.20
4	6.0	0.8	1.1	21.20	7.20
3	10.0	1.0	1.4	21.25	9.10
4	10.0	1.0	1.4	27.10	9.10
3	16.0	1.0	1.4	24.20	10.10
4	16.0	1.0	1.4	31.00	10.10



CORPORATE OFFICE

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