

Braided Cable



Multi Core Flexible Braided Cables

Specifications

- Core Colors : Up to 4 cores. Black with white numbering + yellow/green
- Sheath Colors : Gray, black and white
- Conductor : Annealed bare copper as per IS: 8130
- Insulating PVC : Type A conforming to IS: 5831
- Shielding : Aluminum mylar tape is wrapped on the laid up cores. Identification nos. are marked on the cores.
- Braiding : Annealed tinned copper wire braiding
- PVC Sheath : Type ST-1 conforming to IS: 5831
HR, FR and FRLS sheathing can be provided if required
- Rated Voltage : 300/500 V
- Test Voltage : AC 2000 V
- Min. Bending Radius : 6 times the overall diameter of cable
- Tensile Strength : 12,50 N per sq mm of PVC insulation and sheath
- Max. Working Temperature : 70°C; also available for 85°C and 105°C
- Max. Short Circuit Temperature : 160°C
- Usage : Suitable for interconnection of electrical measuring devices to instrumental panel or instrument. Also for measuring, monitoring and control in machine tool manufacturing in plant engineering, in places where interference field can distort a signal transmission or where interference pulses arising in the mains must be confined.

No. of Cores X Cross Section	Dia of Conductor Strands	Finished Cable Dia Nominal	Approx. Weight	Max. Electrical Resistance at 20°C
sq mm	mm	mm	kg/km	ohm/km
2 x 0.5	0.2	8.3	129.0	39
3 x 0.5	0.2	8.6	150.0	39
4 x 0.5	0.2	9.4	170.0	39
5 x 0.5	0.2	10.1	199.0	39
7 x 0.5	0.2	11.0	235.0	39
12 x 0.5	0.2	12.1	320.0	39
19 x 0.5	0.2	13.0	428.0	39
24 x 0.5	0.2	14.7	503.0	39
2 x 0.75	0.2	8.7	143.0	26
3 x 0.75	0.2	9.0	155.0	26
4 x 0.75	0.2	9.9	190.0	26
5 x 0.75	0.2	10.8	228.0	26
7 x 0.75	0.2	13.0	323.0	26
12 x 0.75	0.2	15.8	410.0	26
19 x 0.75	0.2	17.9	560.0	26
24 x 0.75	0.2	22.8	730.0	26
2 x 1.0	0.2	9.4	150.0	19.5
3 x 1.0	0.2	9.8	163.0	19.5
4 x 1.0	0.2	10.8	200.0	19.5
5 x 1.0	0.2	12.1	239.0	19.5
7 x 1.0	0.2	14.5	289.0	19.5
12 x 1.0	0.2	17.4	464.0	19.5
19 x 1.0	0.2	20.7	628.0	19.5

No. of Cores X Cross Section Strands	Dia of Conductor Nominal	Finished Cable Dia	Approx. Weight	Max. Electrical Resistance at 20°C
Sq mm	mm	mm	kg/km	ohms/km
2 x 1.5	0.2	10.2	162.0	13.3
3 x 1.5	0.2	10.9	187.0	13.3
4 x 1.5	0.2	12.20	240.0	13.3
5 x 1.5	0.2	13.30	289.0	13.3
7 x 1.5	0.2	16.00	383.0	13.3
12 x 1.5	0.2	19.60	592.0	13.3
19 x 1.5	0.2	23.40	806.0	13.3
2 x 2.5	0.2	11.5	272.0	7.98
3 x 2.5	0.2	12.2	298.0	7.98
4 x 2.5	0.2	13.4	345.0	7.98
5 x 2.5	0.2	14.9	427.0	7.98
7 x 2.5	0.2	17.9	561.0	7.98
12 x 2.5	0.2	21.9	857.0	7.98
19 x 2.5	0.2	26.1	1355.0	7.98