



SIYARO[®]
JEEVAN RAKSHAK **CABLES**



Single and Multicore Flexible Cables

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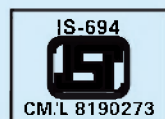
SINGLE AND MULTICORE FLEXIBLE CABLES

Siyaro flexible cables are manufactured with 100% pure electrolytic grade bright annealed bare copper wires having 102% conductivity and insulated with specially formulated house PVC compound with high insulation resistance and dielectric strength. In case of Multicore cables, the insulated cores are laid up to form the core assembly. Sheathing is provided with specially formulated in house PVC compound to facilitate easy stripping and also to withstand mechanical abrasion.

The insulation and sheathing compounds have a high oxygen and temperature index. The Single and Multicore flexible cables are manufactured as per IS 694 : 1990 in size from 0.5 sq.mm to 50 sq.mm in single core and in size 0.5 to 4 sq.mm in multicore construction. These sizes carry the ISI mark and the remaining sizes generally conform to IS 694 : 1990. cables as per BS 6004 : 1991 and BS 6500 : 1990 are also manufactured for export market.

Colour : Red, Yellow, Blue, Black, Green Yellow-Green & Grey Packing : 100m coils in cartons upto 6 sq.mm for single core cable.

Nominal Area in Sq. mm	No. of Strands / Nominal Dia.	Max. DC Resistance Ohm/Km At 20°C	Nominal Insulation Thickness in mm	Outer Dia (Approx)	Current Rating in Amps.	Nominal Area in Sq.mm	No. of Strands Nominal Dia.	Max. DC Resistance Ohm/Km At 20°C	Nominal Insulation Thickness in mm	Outer Dia (Approx)	Current Rating in Amps.
0.50	16/0.20	39.00	0.60	2.20	4	70	360/0.50	0.272	1.6	15.5	215
0.75	24/0.20	26.00	0.60	2.50	7	95	485/0.50	0.206	1.8	18.5	260
1.00	32/0.20	19.50	0.60	2.60	12	120	608/0.50	0.161	2.0	20.9	305
1.50	30/0.25	13.30	0.60	2.90	16	150	750/0.50	0.129	2.0	22.5	355
2.50	50/0.25	7.98	0.70	3.50	22	185	925/0.50	0.106	2.2	24.6	415
4.00	56/0.30	4.95	0.80	4.30	29	240	1221/0.50	0.0801	2.2	27.6	500
6.00	84/0.30	3.300	0.80	5.30	37	300	1527/0.50	0.0641	2.4	32.2	585
10.00	140/0.30	1.910	1.00	6.70	51	400	2036/0.50	0.0486	2.6	35.7	695
16.00	126/0.40	1.210	1.00	8.20	68	500	2540/0.50	0.0384	2.8	38.0	790
25.00	196/0.40	0.780	1.20	10.00	86	630	3200/0.50	0.0287	3.0	45.5	905
30.00	276/0.40	0.554	1.20	11.3	110	800	4100/0.50	0.0224	3.4	51.0	1050
50.00	396/0.40	0.386	1.40	13.5	145	1000	5100/0.50	0.0178	3.4	53.0	1185



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MFG. BY :

NEELAM ELECTRICALS

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