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FIA

TAC

House Wiring Cables



SIYARO[®]

JEEVAN RAKSHAK CABLES

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House Wiring Cables...

Siyaro house wiring cables are manufactured with 100% pure electrolytic grade bright annealed bare copper and insulated with specially formulated in house PVC compound with high insulation resistance and dielectric strength. The cable are manufactured by BIS specification IS : 694 : 1990 or other relevant National specification and for working voltage upto and including 1100V.

Table - 1

Size (Sq. mm)	No. of Wires/ Wire dia of Conductor (mm)	Nominal Insulation Thickness (mm)	Nominal Overall Cable diameter (mm)	Max. DC Resistance at 20°C (Ohms/Km)	Current in Amps # PVC / FR / FRLS
1	14/0.3*	0.7	2.8	18.1	12
1.5	22/0.3*	0.7	3.1	12.1	16
2.5	36/0.3*	0.8	3.8	7.41	22
4	56/0.3*	0.8	4.4	4.95	29
6	84/0.3*	0.8	5.2	3.30	37

* Class 2 Conductor as per IS : 8130 : 1984 ** Class 5 Conductor as per IS : 8130 : 1984 # As per IS : 3961 (Part -v) - 1968 Standard Colours : Red, Yellow, Blue, Black and Green supplied in 90 / 180 / 270 metre length. Other sizes, colours and lengths are as per customer order.

TECHNICAL SPECIFICATIONS FOR SINGLE CORE, UNSHEATHED CABLES

Conductor Nominal Area in sq.mm	Number & nominal dia. of wire No. / mm	Resistance (Max.) per km @ 20°C in Ohms	Approximate over all dia. in mm	Current capacity Two cables, Signal phase		Nominal thickness of insulation in mm	Approximate gross weight in kgs.
				In conduit/ trunking in Amps	Unenclosed-clipped directly to a surface or on cable tray in amps		
0.50	16/0.2**	39.0	2.16	3	4	2.16	0.80
0.75	24/0.2**	26.0	2.39	6	7	2.39	1.00
1.0	14/0.3*	18.10	2.8	11	12	2.8	1.45
1.5	22/0.3*	12.10	3.1	13	16	3.1	2.15
2.5	36/0.3*	7.41	3.6	18	22	3.6	3.00
4.0	56/0.3**	4.95	4.2	24	29	4.2	4.50
6.0	84/0.3**	3.30	5.2	31	37	5.2	6.45
10.0	140/0.3**	1.91	6.8	42	51	6.8	12.00*
16.0	224/0.3**	1.21	8.1	57	68	8.1	18.00*



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MFG. BY :
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