

Size Sq. mm	1 core (90 mtrs)	Twisted (100 mtrs)	2 core (100 mtrs)	3 core Submersible/ Round (100 mtrs)	4 core (100 mtrs)	5 core (100 mtrs)
0.50	957	2249	3039	4211	5767	X
0.75	1328	2704	4044	5623	7119	X
1.00	1747	3254	5731	6760	8830	X
1.50	2560	5360	6915	9894	12897	17360
2.50	4259	8686	11175	15733	19334	26716
4.00	6568	X	17492	25233	32016	43681
6.00	9799	X	24287	33380	43681	55897
10.00	18688	X	41791	57799	75829	97688
16.00	28224	X	56986	77337	134597	X
25.00(100mtr)	45177	X	50.0 sq mm	90904	95.0 sq mm	200795
35.00	62680	X	70.0 sq mm	126175	120.0 sq mm	255077

Pure Copper: Telephone/CCTV/Coaxial/Speaker/LAN cable

Telephone Wire 0.4 ABC 90 mtrs	Speaker Wire (90 mtr coil)	CCTV Cable (90 mtr coil)	Co-Axial Cable		
1 Pair: 813	14/38(0.5 Sq mm)1873	3 + 1: 2664	RG 59:	2236	(100 Mtrs)
2 Pair: 1059	23/38(0.75 Sq mm)2429	4 + 1: 3028	RG 6:	2729	(100 Mtrs)
3 Pair: 1648	40/38(1.00 Sq mm)3392	6 + 1: 4858	RG 6:	8196	(300 Mtrs)
4 Pair: 2161	70/36(1.5 Sq mm): 5693	(RG 59)+3: 13835	Shot fire/parallel flat.		
5 Pair: 2718	x	LIFT CCTV CABLE: 9705	7/010	1455	(90 Mtrs)
6 Pair: 3242	LAN CABLE (300 Mtrs)	pull cord wire: 21.5	DGMS ISI mark:		
10 Pair: 6912	CAT 5: 8250	12 core (100 Mtrs)	14/0.12	3638	(100 Mtrs)
20 Pair: 13835	CAT 6: 11406	Flex 0.5 x 12: 13964	23/39 x 3 core cotton:	1819	(45 Mtrs)
30 Pair: 22566	0.5 X 2/c Flat: 2054 (90 mtrs)	Flex 1.5 x 12: 36037	40/39 x 3 core cotton:	2311	(45 Mtrs)

100 mtr Coil FR PVC Insulated soild/stranded Aluminium wires 1100 v g

Size Sq. mm	amp	Single core	Sheathed	Twin core flat solid conductor	Twin core flat Stranded conductor	Twin core round
1.50	11	589	738	2226	2226	2311
2.500	16	995	1198	2964	2964	3510
4.00	22	1166	1519	3884	3884	4612
6.00	29	1969	2161	4858	4858	5939
10.00	37	2515	2868	7276	7276	8614
16.00	45	4665	5157	8196	8977	10550
25.00	57	6174	6666	X	X	X
35.00	72	8977	9769	X	X	X

Features:

Enhanced Flexibility and high quality insulation
Conductor resistance as per IS:8130 Governing Criteria



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