

MULTI CORE FLEXIBLE CABLES AS PER IS-694/2010 WITH ISI MARK

Cond Area Sq.mm	Constru.No./Dia.	Cond.Dia mm.	Max.Dc resistance Ohm/Km at 20 °C	Insulation Thickness Nominal in mm.	Core Diameter in mm.	Nominal Thickness of Insulation in mm			Over All Diameter Thickness in mm.			Current Rating Amp.
						2 core	3 Core	4 Core	2 Core	3 Core	4 Core	
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00.50	016/0.20	00.94	39.00	0.60	02.35	0.90	0.90	0.90	06.70	07.05	07.70	004.00
00.75	024/0.20	01.20	26.00	0.60	02.60	0.90	0.90	0.90	09.35	07.60	08.30	007.00
01.00	032/0.20	01.34	19.50	0.60	02.80	0.90	0.90	0.90	08.05	07.90	08.65	011.00
01.50	048/0.20	01.64	13.30	0.60	03.00	0.90	0.90	0.90	07.50	08.50	09.30	014.00
02.50	080/0.20	02.08	07.95	0.70	03.65	1.00	1.00	1.00	07.20	09.90	10.90	019.00
04.00	056/0.30	02.61	04.95	0.80	04.40	1.00	1.00	1.00	06.70	11.85	13.05	026.00
06.00	085/0.30	03.50	03.30	0.80	05.10	1.15	1.15	1.40	12.60	13.40	15.20	031.00
10.00	140/0.30	04.60	01.91	1.00	06.60	1.40	1.40	1.40	16.00	17.00	18.80	042.00
16.00	226/0.30	06.00	01.21	1.00	08.00	1.40	1.40	1.40	18.80	21.10	22.20	057.00
25.00	255/0.30	07.60	00.78	1.20	10.00	2.00	2.00	2.00	24.00	25.60	28.20	071.00
35.00	220/0.45	08.70	01.55	1.20	11.10	2.00	2.00	2.00	26.30	28.00	31.00	091.00
50.00	325/0.45	10.60	01.39	1.40	13.40	2.00	2.00	2.00	30.90	33.00	36.50	120.00

SMRUTI CABLES PVT. LTD.

Plot No. : 2, Block No. : 243, Near Ramdev Exports,
Santej Vadsar Road, Santej, Ta. - Kalol, Dist. -
Gandhinagar-382 721, Gujarat, India

Phone:+91 98250 15073

Email:sales@smruticable.com

MULTI CORE FLEXIBLE CABLES(6 CORES TO 19 CORES) AS PER IS-694/2010

Area Sq.mm.		00.50	00.75	01.00	01.50	02.50	04.00
General Construction No/Dia.		16/0.2	24/0.2	32/0.2	48/0.2	80/0.2	56/0.3
Conductor Dia in mm.		00.94	01.20	01.34	01.64	02.08	02.61
Avg. Insu. Thickness in mm.		00.60	00.60	00.60	00.60	00.70	00.80
Core Dia in mm.		20.20	20.60	20.60	20.60	30.50	40.30
No of cores							
6	Avg Sheath thickness mm.App. overall Dia mm.	00.90	01.00	01.00	01.00	01.10	01.20
		08.50	09.50	09.80	10.70	12.70	15.30
7	Avg Sheath thickness mm.App. overall Dia mm.	00.90	01.00	01.00	01.00	01.10	01.20
		08.50	09.50	09.80	10.70	12.70	15.30
8	Avg Sheath thickness mm.App. overall Dia mm.	01.00	01.00	01.00	01.10	01.20	01.30
		09.30	10.40	10.70	11.90	14.10	16.90
10	Avg Sheath thickness mm.App. overall Dia mm.	01.00	01.10	01.10	01.10	01.30	01.40
		10.80	12.20	12.60	13.80	17.20	20.70
12	Avg Sheath thickness mm.App. overall Dia mm.	01.00	01.10	01.10	01.10	01.30	01.40
		11.20	12.60	13.00	14.30	17.20	20.70
14	Avg Sheath thickness mm.App. overall Dia mm.	01.10	01.10	01.10	01.20	01.30	01.40
		12.00	13.30	13.70	15.20	18.10	21.80
16	Avg Sheath thickness mm.App. overall Dia mm.	01.10	01.20	01.20	01.20	01.40	01.50
		12.60	14.20	14.60	16.00	19.30	23.20
19	Avg Sheath thickness mm.App. overall Dia mm.	01.10	01.20	01.30	01.40	01.40	01.50
		13.20	14.90	18.20	20.20	23.80	28.80
24	Avg Sheath thickness mm.App. overall Dia mm.	01.20	01.30	01.30	01.40	01.40	01.50
		15.60	17.60	17.60	20.20	25.70	30.60
30	Avg Sheath thickness mm.App. overall Dia mm.	01.30	01.30	01.30	01.40	01.40	01.50
		16.80	18.70	19.30	21.50	27.00	32.00
--	Max.Conductor Resistance In Ohm/Km.at20°C	39.00	26.00	19.50	13.30	07.98	04.95
--	Recommended Current Rating in amp.	4	7	11	14	19	26

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