

"Poly Flex" Plain Copper Conductor, PVC insulated unsheathed 650/1100 V, Single Core Cables for panel board wiring as per IS : 694/1990 with ISI mark (up to 50 sq. "mm").

Area in "Sq. mm"	Conductor construction N ^o . Wire/ "mm"	Conductor Dia. in "mm"	Max. DC Resistance "W/Km" at 200C	Insulation Thickness in "mm" Nominal	Cables Dia (Approx.)	Current Rating in "Am"
0.5	16/0.20	0.94	39	0.6	2.2	4
0.75	24/0.20	1.2	26	0.6	2.5	7
1	32/0.20	1.34	19.5	0.6	2.6	12
1.5	*30/0.20	1.64	13.3	0.6	2.9	15
2.5	**50/0.25	2.08	7.98	0.7	3.5	20
4	56/0.30	2.61	4.95	0.8	4.3	27
6	84/0.30	3.5	3.3	0.8	5.3	35
10	140/0.30	4.6	1.91	1	6.7	46
16	101/0.45	6	1.21	1	8.2	62
25	158/0.45	7.6	0.8	1.2	10	80
35	220/0.45	8.7	0.55	1.2	11.3	102
50	315/0.45	10.6	0.39	1.4	13.5	138
70	440/0.45	12.3	0.27	1.4	15.5	214
95	485/0.50	14.7	0.21	1.6	18.5	260
120	608/0.50	16.7	0.16	2	20.9	305
150	750/0.50	18.3	0.13	2	22.5	355
185	925/0.50	20	0.11	2.2	24.6	415
240	1221/0.50	23	0.08	2.2	27.6	500

NOTE : Cables above 50 sq.mm are not covered by IS: 694 but are as per IS-2465

* This size can be supplied in 48/0.2 construction