

"UMESH" PLAIN COPPER CONDUCTOR, PVC INSULATED UNSHEATHED UPTO 1100 V SINGLE CORE FLEXIBLE CABLES FOR PANEL BOARD WIRING AS PER IS : 694 WITH "ISI" MARK (UPTO 50 SQ. MM.)

Area Sq. mm	Cond. Const. General	Cond. Dia. mm	Max Resistance ohm/km at 20° C	Insulation thickness mm Nominal	Cable Dia. (Appx.) mm	Current Rating AMP	Area Sq. mm	Cond. Const. General	Cond. Dia. mm	Max D.C. Resistance Ohm/km at 20° C	Insulation thickness mm Nominal	Cable Dia. (Appx.) mm	Current Rating AMP
0.50	16/0.20	0.94	39.00	0.60	2.40	4	16.00	226/0.30	6.00	1.210	1.00	8.50	60
0.75	24/0.20	1.20	26.00	0.60	2.60	7	25.00	354/0.30	7.60	0.780	1.20	10.50	75
1.00	32/0.20	1.34	19.50	0.60	2.80	11	35.00	495/0.30	8.70	0.554	1.20	12.00	95
1.50	48/0.20	1.64	13.30	0.60	3.30	14	50.00	396/0.40	10.60	0.386	1.40	14.20	125
2.50	80/0.20	2.08	7.98	0.70	3.80	19	70.00	360/0.50	12.30	0.272	1.60	16.50	170
4.00	56/0.30	2.61	4.95	0.80	4.60	26	95.00	485/0.50	14.70	0.206	1.80	19.00	210
6.00	85/0.30	3.50	3.30	0.80	5.50	33	120.00	608/0.50	16.70	0.161	2.00	21.50	235
10.00	142/0.30	4.60	1.91	1.00	7.50	45	150.00	750/0.50	18.30	0.129	2.00	23.50	295

Note : Cable above 50 Sq. mm. are not covered by IS : 694

"UMESH" PLAIN COPPER CONDUCTOR, PVC INSULATED AND SHEATHED UPTO 1100V MULTICORE FLEXIBLE CABLES AS PER IS : 694 WITH "ISI" MARK

Area Sq. mm	Cond. Const. General	Cond. Dia. mm	Max Resistance Ohm/km at 20° C	Insulation thickness mm Nominal	Core Dia. mm	Sheath Thickness mm Nominal			Overall Diameter mm Approximate			Current Rating AMP
						2 Core	3 core	4 core	2 Core	3 core	4 core	
0.50	16/0.20	0.94	39.00	0.60	2.20	0.90	0.90	0.90	6.20	6.60	7.20	4
0.75	24/0.20	1.20	26.00	0.60	2.50	0.90	0.90	0.90	6.80	7.20	7.90	7
1.00	32/0.20	1.34	19.50	0.60	2.60	0.90	0.90	0.90	7.00	7.50	8.10	11
1.50	48/0.20	1.64	13.80	0.60	3.90	0.90	0.90	1.00	7.60	8.10	9.00	14
2.50	80/0.20	2.08	7.98	0.70	3.50	1.00	1.00	1.00	9.00	9.60	10.50	19
4.00	56/0.30	2.61	4.95	0.80	4.30	1.00	1.00	1.00	10.00	11.30	12.40	26
Note : Cable above 4.0 sq.mm. are not covered by IS : 694												
6.00	85/0.30	3.50	3.30	0.80	5.10	1.15	1.15	1.40	12.60	13.40	15.20	33
10.00	142/0.30	4.60	1.91	1.00	6.60	1.40	1.40	1.40	16.00	17.00	18.80	45
16.00	226/0.30	6.00	1.21	1.00	8.00	1.40	1.40	1.40	19.00	20.00	22.50	60
25.00	354/0.30	7.60	0.78	1.20	10.0	1.40	1.40	1.60	23.00	24.50	27.50	75
35.00	495/0.30	8.70	0.55	1.20	11.0	1.50	1.50	1.70	25.50	27.50	30.50	95
50.00	396/0.40	12.30	0.38	1.40	13.0	1.60	1.60	1.80	29.50	31.50	35.00	125