

TECHNICAL DATA SHEET

Single Core & Multicore PVC Wire & Cable AS PER IS 694:2010

Dimensions of single core non-sheathed cable with Flexible conductor for general purpose.

Nominal Cross Selection Area (mm ²)	Thickness of PVC Insulation (Nom.) (mm)	Maximum Over all Dia
0.5	0.6	2.6
0.75	0.6	2.8
1.0	0.6	3.0
1.5	0.6	3.4
2.5	0.7	4.1
4.0	0.8	4.8
6.0	0.8	5.3
10.0	1.0	7.0
16.0	1.0	8.1
25.0	1.2	10.2
35.0	1.2	11.7
50.0	1.4	13.9
70.0	1.4	16.0
95.0	1.6	18.2
120.0	1.6	20.2
150.0	1.8	22.5
185.0	2.0	24.9
240.0	2.2	28.4
300.0	2.4	31.0

Dimensions of Flexible PVC Insulated and sheathed Cords (Circular) and Flexible twin twisted and twin parallel wire

No. of Cross Selection Area No x mm ²	Thickn ess of Ins. (Nom.) mm	Sheathing wall thickness, Nom.					Overall Dia, Max.						
		Single core (mm)	Twin core (mm)	Three core (mm)	Four core	Five core	Single core (mm)	Twin core (mm)	Three core (mm)	Four core	Five core	Parallel twin	Twis ted twin
0.5	0.6	0.9	0.9	0.9	0.9	0.9	4.3	6.9	7.3	8.0	8.7	2.6X5.2	5.2
0.75	0.6	0.9	0.9	0.9	0.9	0.9	4.5	7.3	7.7	8.4	9.2	2.8X5.6	5.6
1.0	0.6	0.9	0.9	0.9	0.9	1.0	4.7	7.6	8.1	8.8	9.6	3.0X6.0	6.0
1.5	0.6	0.9	0.9	0.9	1.0	1.0	5.4	8.9	9.4	10.4	11.4	3.3X6.6	6.6
2.5	0.7	1.0	1.0	1.0	1.0	1.0	6.2	10.3	10.9	12.0	13.2	4.0X8.0	8.0
4.0	0.8	-	-	-	-	-	-	-	-	-	-	4.8X9.6	9.6

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Nominal Cross sectional Area (mm ²)	No of Cores	Nom Thickness of Insulation (mm)	Nominal Thickness of Sheath (mm)	Overall Dimension, Max. (mm)
0.5	6	0.6	0.9	9.5
0.5	7	0.6	0.9	9.5
0.5	8	0.6	1.0	11.1
0.5	9	0.6	1.0	11.8
0.5	10	0.6	1.0	12.0
0.5	11	0.6	1.0	12.0
0.5	12	0.6	1.0	12.4
0.5	13	0.6	1.0	13.1
0.5	14	0.6	1.1	13.1
0.5	15	0.6	1.1	13.5
0.5	16	0.6	1.1	13.8
0.5	17	0.6	1.1	14.6
0.5	18	0.6	1.1	14.6
0.5	19	0.6	1.1	14.6
0.5	20	0.6	1.2	15.4
0.5	21	0.6	1.2	15.4
0.5	22	0.6	1.2	16.3
0.5	23	0.6	1.2	16.3
0.5	24	0.6	1.2	17.1
0.5	25	0.6	1.2	17.1
0.75	6	0.6	1.0	10.0
0.75	7	0.6	1.0	10.0
0.75	8	0.6	1.0	11.8
0.75	9	0.6	1.1	12.4
0.75	10	0.6	1.1	12.7
0.75	11	0.6	1.1	12.7
0.75	12	0.6	1.1	13.1
0.75	13	0.6	1.1	13.8
0.75	14	0.6	1.1	13.8
0.75	15	0.6	1.2	14.3
0.75	16	0.6	1.2	14.6
0.75	17	0.6	1.2	15.4
0.75	18	0.6	1.2	15.4
0.75	19	0.6	1.2	15.4
0.75	20	0.6	1.3	16.3
0.75	21	0.6	1.3	16.3
0.75	22	0.6	1.3	17.3
0.75	23	0.6	1.3	17.3
0.75	24	0.6	1.3	18.2
0.75	25	0.6	1.3	19.0
1.0	6	0.6	1.0	10.5
1.0	7	0.6	1.0	10.5
1.0	8	0.6	1.0	12.4
1.0	9	0.6	1.1	13.1
1.0	10	0.6	1.1	13.4
1.0	11	0.6	1.1	13.4
1.0	12	0.6	1.1	13.9

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1.0	13	0.6	1.1	14.6
1.0	14	0.6	1.1	14.6
1.0	15	0.6	1.2	15.1
1.0	16	0.6	1.2	15.4
1.0	17	0.6	1.2	16.3
1.0	18	0.6	1.2	16.3
1.0	19	0.6	1.2	16.3
1.0	20	0.6	1.4	17.3
1.0	21	0.6	1.4	17.3
1.0	22	0.6	1.4	18.2
1.0	23	0.6	1.4	18.2
1.0	24	0.6	1.4	19.2
1.0	25	0.6	1.4	19.2
1.50	6	0.6	1.0	12.4
1.50	7	0.6	1.0	12.4
1.50	8	0.6	1.1	14.7
1.50	9	0.6	1.1	15.6
1.50	10	0.6	1.1	16.0
1.50	11	0.6	1.1	16.0
1.50	12	0.6	1.1	16.5
1.50	13	0.6	1.2	17.4
1.50	14	0.6	1.2	17.4
1.50	15	0.6	1.2	18.1
1.50	16	0.6	1.2	18.4
1.50	17	0.6	1.3	19.5
1.50	18	0.6	1.3	19.5
1.50	19	0.6	1.3	19.5
1.50	20	0.6	1.4	20.7
1.50	21	0.6	1.4	20.7
1.50	22	0.6	1.4	21.9
1.50	23	0.6	1.4	21.9
1.50	24	0.6	1.4	23.0
1.50	25	0.6	1.4	23.0
2.50	6	0.7	1.1	14.5
2.50	7	0.7	1.1	14.5
2.50	8	0.7	1.2	17.3
2.50	9	0.7	1.3	18.3
2.50	10	0.7	1.3	18.7
2.50	11	0.7	1.3	18.7
2.50	12	0.7	1.3	19.4
2.50	13	0.7	1.3	20.5
2.50	14	0.7	1.3	20.5
2.50	15	0.7	1.4	21.3
2.50	16	0.7	1.4	21.7
2.50	17	0.7	1.4	23.0
2.50	18	0.7	1.4	23.3
2.50	19	0.7	1.4	23.8
2.50	20	0.7	1.5	24.4
2.50	21	0.7	1.5	25.0
2.50	22	0.7	1.5	25.8

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2.50	23	0.7	1.5	26.3
2.50	24	0.7	1.5	27.2
2.50	25	0.7	1.5	27.9

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