

OVERALL SCREENED SINGLE AND MULTI -PAIR ARMoured & UN-ARMoured INSTRUMENTATION CABLES VOLTAGE GRADE 500V



No. of Pairs	Nom. Area of Conductor (mm)	Insulation Thickness (mm)	Nom. Steel Wire or Strip Dia (mm)	ARMoured		Approx-weight (kg/km)	Nom. Thickness of Outer Sheath (mm)	UN-ARMoured	
				Min. Thickness of Outer Sheathe	Approx. Overall Diameter (mm)			Approx. Overall Diameter (mm)	Approx. Weight (kg/km)
1	0.5	0.45	0.9	1.24	10	195	1.8	8	84
2	0.5	0.45	0.9	1.24	13	280	1.8	11	125
4	0.5	0.45	0.9	1.24	14	340	1.8	12	165
5	0.5	0.45	0.9	1.24	15	390	1.8	13	205
6	0.5	0.45	0.9	1.24	16	435	1.8	14	230
8	0.5	0.45	0.9	1.24	17.5	495	1.8	16	265
10	0.5	0.45	0.9	1.24	19	585	1.8	17.5	325
12	0.5	0.45	0.9	1.24	20	625	1.8	18	355
20	0.5	0.45	4X 0.8	1.4	24	885	2	22.5	555
24	0.5	0.45	4x 0.8	1.4	26.5	1050	2	25	660
1	0.75	0.45	0.9	1.24	10.5	210	1.8	8.5	94
2	0.75	0.45	0.9	1.24	13.5	305	1.8	11.5	145
4	0.75	0.45	0.9	1.24	15	380	1.8	13	195
5	0.75	0.45	0.9	1.24	16	445	1.8	14	245
6	0.75	0.45	0.9	1.24	17	495	1.8	15.5	275
8	0.75	0.45	0.9	1.24	19	575	1.8	17	325
10	0.75	0.45	4 X 0.8	1.4	21	705	1.8	19	400
12	0.75	0.45	4 X 0.8	1.4	22	775	1.8	20	440
20	0.75	0.45	4 X 0.8	1.4	26	1055	2	24.5	685
24	0.75	0.45	4 X 0.8	1.4	29	1230	2	27	820
1	1	0.45	0.9	1.24	11	225	1.8	9	104
2	1	0.45	0.9	1.24	14	335	1.8	12	165
4	1	0.45	0.9	1.24	15.5	425	1.8	14	225
5	1	0.45	0.9	1.24	17	495	1.8	15	280
6	1	0.45	0.9	1.24	18	560	1.8	16	320
8	1	0.45	0.9	1.24	20	645	1.8	18	385
10	1	0.45	4 X 0.8	1.4	22.5	805	1.8	20	470
12	1	0.45	4 X 0.8	1.4	23	865	1.8	21	525
20	1	0.45	4 X 0.8	1.4	28	1215	2	26	825
24	1	0.45	4 X 0.8	1.4	30.5	1430	2	29	990
1	1.5	0.45	0.9	1.24	11.5	250	1.8	9.5	120
2	1.5	0.45	0.9	1.24	15	380	1.8	13	190
4	1.5	0.45	0.9	1.24	17	495	1.8	15	280
5	1.5	0.45	0.9	1.24	18	580	1.8	16.5	345
6	1.5	0.45	0.9	1.24	19.5	650	1.8	17.5	395
8	1.5	0.45	4X 0.8	1.4	22	815	1.8	20	480
10	1.5	0.45	4X 0.8	1.4	24.5	955	2	22.5	617
12	1.5	0.45	4X 0.8	1.4	26.5	1190	2	24	835
20	1.5	0.45	4 X 0.8	1.4	30.5	1495	2	29	1055
24	1.5	0.45	4 X 0.8	1.56	34	1770	2	32	1260

INDIVIDUAL AND OVERALL SCREENED MULTI -PAIR ARMoured & UN-ARMoured INSTRUMENTATION CABLES VOLTAGE GRADE 500V



No. of Pairs	Nom. Area of Conductor (mm)	Insulation Thickness (mm)	Nom. Steel Wire or Strip Dia (mm)	ARMoured		Approx-weight (kg/km)	Nom. Thickness of Outer Sheath (mm)	UN-ARMoured	
				Min. Thickness of Outer Sheath	Approx.Overall Diameter (mm)			Approx. Overall Diameter (mm)	Approx. Weight (kg/km)
2	0.5	0.45	0.9	1.24	14	324	1.8	12	154
4	0.5	0.45	0.9	1.24	15.5	401	1.8	13.5	206
5	0.5	0.45	0.9	1.24	16.5	454	1.8	14.5	244
6	0.5	0.45	0.9	1.24	18	500	1.8	16	275
8	0.5	0.45	0.9	1.24	19.5	615	1.8	17.5	355
10	0.5	0.45	4X 0.8	1.4	22	756	1.8	20	426
12	0.5	0.45	4 X 0.8	1.4	22.5	799	1.8	20.5	464
20	0.5	0.45	4 X 0.8	1.4	27.5	1125	2	25.5	735
24	0.5	0.45	4 X 0.8	1.4	30.5	1280	2	28.5	840
2	0.75	0.45	0.9	1.24	14.5	354	1.8	12.5	169
4	0.75	0.45	0.9	1.24	16.5	446	1.8	14.5	236
5	0.75	0.45	0.9	1.24	17.5	514	1.8	16	284
6	0.75	0.45	0.9	1.24	19	570	1.8	17	320
8	0.75	0.45	4 X 0.8	1.4	21	725	1.8	19	415
10	0.75	0.45	4 X 0.8	1.4	23.5	866	2	22	526
12	0.75	0.45	4 X 0.8	1.4	24	909	2	22.5	579
20	0.75	0.45	4 X 0.8	1.4	29.5	1295	2	28	885
24	0.75	0.45	4 X 0.8	1.56	32.5	1500	2	30.5	1010
2	1	0.45	0.9	1.24	15.5	384	1.8	13.5	189
4	1	0.45	0.9	1.24	17	491	1.8	15.5	271
5	1	0.45	0.9	1.24	18.5	564	1.8	16.5	324
6	1	0.45	0.9	1.24	20	630	1.8	18	370
8	1	0.45	4 X 0.8	1.4	22	815	1.8	20	480
10	1	0.45	4 X 0.8	1.4	24.5	936	2	23	606
12	1	0.45	4 X 0.8	1.4	25.5	1029	2	24	669
20	1	0.45	4 X 0.8	1.4	31	1495	2	28.5	1025
24	1	0.45	4 X 0.8	1.56	34.5	1720	2	31.5	1190
2	1.5	0.45	0.9	1.24	16.5	429	1.8	14.5	219
4	1.5	0.45	0.9	1.24	8.5	571	1.8	16.5	326
5	1.5	0.45	4 X 0.8	1.24	19.5	654	1.8	18	389
6	1.5	0.45	4 X 0.8	1.4	21.5	760	1.8	19.5	450
8	1.5	0.45	4 X 0.8	1.4	24	945	2	22.5	605
10	1.5	0.45	4X 0.8	1.4	27	1116	2	25.5	726
12	1.5	0.45	4X 0.8	1.4	28	1209	2	26	819
20	1.5	0.45	4 X0.8	1.56	34	1785	2	32	1275
24	1.5	0.45	4 X0.8	1.56	38	2080	2.2	36	1510