



• Application

PVC Insulated Control Cable is designed for use in land-based activities within the oil, gas, petroleum, and chemical industries, where the presence of corrosive liquids and vapors threatens circuit integrity. Contaminants, such as petroleum-based substances, can permeate the cable sheath and travel along and between armor wires, potentially leading to degradation of insulating materials beyond the point of initial penetration.

• Performance

Voltage rating $U_0/U(U_m)$: 450/700V
 Conductor working temperature: 70°C
 Maximum service temperature: 70°C
 Maximum short-circuit temperature: 160°C (max. 5s)
 Minimum service temperature: -40°C
 Chemical performance: Chemical, UV, and oil resistance
 Minimum Bending Radius
 Non-armored cables: 6 x Cable Diameter
 Armored or copper tape screen cables: 12 x Cable Diameter
 Screened flexible cables: 6 x Cable Diameter
 Fire Performance
 Flame non-propagation: Based on IEC 60332-1
 Reduced emission of halogens: Chlorine <15%

• Construction

KVV: Copper Conductor, PVC Insulated, PVC Sheathed Control Cable
 KVVVP: Copper Conductor, PVC Insulated, Copper Wire Braided Screen, PVC Sheathed Control Cable
 KVVVP2: Copper Conductor, PVC Insulated, Copper Tape Screen, PVC Sheathed Control Cable
 KVV22: Copper Conductor, PVC Insulated, Galvanized Steel Tape Armored, PVC Sheathed Control Cable
 KVV32: Copper Conductor, PVC Insulated, Galvanized Steel Wire Armored, PVC Sheathed Control Cable
 KVVVR: Copper Conductor, PVC Insulated, PVC Sheathed Flexible Control Cable
 KVVVRP: Copper Conductor, PVC Insulated, Copper Wire Braided Screen, PVC Sheathed Flexible Control Cable

• Specification

-IEC 60227, IEC 60502-1, GB/T 9330, BS 6500 Standard

• Eastful Cable Lab



We have CNAS Accredited Facility to assure conformity assessment services with a focus on quality, expertise, and customer satisfaction.

CNAS has international mutual recognition among IAF, ILAC, APLAC and PAC.

• Accreditation

We meet the requirements of ISO9001, ISO14001, ISO45001 and ISO50001 and our cables have certificate of CCC, RoHS, CASC, UL, cUL, TÜV Rheinland and CCS.



• National Green Factory



Our facility has been awarded of National Green Factory by Ministry of Industry and Information Technology of China. We are committed to the development of high-end, intelligent and green manufacturing industry.

*The overall energy consumption level of green factories is better than the energy efficiency benchmark level.

● Technical Parameters

KVV											
Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Sheath Thickness	Approx. Overall Dia.	Approx. Weight	Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	kg/km	mm ²	No./mm	mm	mm	mm	kg/km
2x0.75	1/0.97	0.6	1.2	6.8	59	2x0.75	7/0.37	0.6	1.2	7.1	62
3x0.75	1/0.97	0.6	1.2	7.2	68	3x0.75	7/0.37	0.6	1.2	7.4	71
4x0.75	1/0.97	0.6	1.2	7.8	83	4x0.75	7/0.37	0.6	1.2	8.1	87
5x0.75	1/0.97	0.6	1.2	8.4	101	5x0.75	7/0.37	0.6	1.2	8.8	106
6x0.75	1/0.97	0.6	1.2	9.0	118	6x0.75	7/0.37	0.6	1.2	9.4	123
7x0.75	1/0.97	0.6	1.2	9.0	123	7x0.75	7/0.37	0.6	1.2	9.4	129
8x0.75	1/0.97	0.6	1.2	9.7	138	8x0.75	7/0.37	0.6	1.2	10.1	144
10x0.75	1/0.97	0.6	1.2	11.2	174	10x0.75	7/0.37	0.6	1.2	11.7	182
12x0.75	1/0.97	0.6	1.5	12.1	210	12x0.75	7/0.37	0.6	1.5	12.7	219
14x0.75	1/0.97	0.6	1.5	12.7	236	14x0.75	7/0.37	0.6	1.5	13.3	247
16x0.75	1/0.97	0.6	1.5	13.3	266	16x0.75	7/0.37	0.6	1.5	13.9	277
19x0.75	1/0.97	0.6	1.5	14.0	301	19x0.75	7/0.37	0.6	1.5	14.6	314
24x0.75	1/0.97	0.6	1.5	16.1	376	24x0.75	7/0.37	0.6	1.5	16.9	393
27x0.75	1/0.97	0.6	1.5	16.4	407	27x0.75	7/0.37	0.6	1.5	17.3	426
30x0.75	1/0.97	0.6	1.5	17.1	446	30x0.75	7/0.37	0.6	1.5	17.9	466
37x0.75	1/0.97	0.6	1.7	18.7	549	37x0.75	7/0.37	0.6	1.7	19.6	574
44x0.75	1/0.97	0.6	1.7	20.9	649	44x0.75	7/0.37	0.6	1.7	21.9	679
48x0.75	1/0.97	0.6	1.7	21.2	692	48x0.75	7/0.37	0.6	1.7	22.3	722
52x0.75	1/0.97	0.6	1.7	21.7	737	52x0.75	7/0.37	0.6	1.7	22.8	770
61x0.75	1/0.97	0.6	1.7	23.1	852	61x0.75	7/0.37	0.6	1.7	24.3	889

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Sheath Thickness	Approx. Overall Dia.	Approx. Weight	Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	kg/km	mm ²	No./mm	mm	mm	mm	kg/km
2×1	1/1.13	0.6	1.2	7.1	68	2×1	7/0.43	0.6	1.2	7.5	71
3×1	1/1.13	0.6	1.2	7.5	79	3×1	7/0.43	0.6	1.2	7.9	82
4×1	1/1.13	0.6	1.2	8.2	97	4×1	7/0.43	0.6	1.2	8.5	101
5×1	1/1.13	0.6	1.2	8.9	119	5×1	7/0.43	0.6	1.2	9.3	124
6×1	1/1.13	0.6	1.2	9.5	138	6×1	7/0.43	0.6	1.2	10	145
7×1	1/1.13	0.6	1.2	9.5	146	7×1	7/0.43	0.6	1.2	10	152
8×1	1/1.13	0.6	1.2	10.2	164	8×1	7/0.43	0.6	1.2	10.7	171
10×1	1/1.13	0.6	1.5	12.4	224	10×1	7/0.43	0.6	1.5	13	234
12×1	1/1.13	0.6	1.5	12.8	249	12×1	7/0.43	0.6	1.5	13.4	259
14×1	1/1.13	0.6	1.5	13.4	281	14×1	7/0.43	0.6	1.5	14.1	293
16×1	1/1.13	0.6	1.5	14.1	317	16×1	7/0.43	0.6	1.5	14.8	330
19×1	1/1.13	0.6	1.5	14.8	360	19×1	7/0.43	0.6	1.5	15.5	376
24×1	1/1.13	0.6	1.5	17.1	453	24×1	7/0.43	0.6	1.5	18	472
27×1	1/1.13	0.6	1.5	17.5	493	27×1	7/0.43	0.6	1.5	18.4	512
30×1	1/1.13	0.6	1.7	18.4	554	30×1	7/0.43	0.6	1.7	19.4	578
37×1	1/1.13	0.6	1.7	19.8	663	37×1	7/0.43	0.6	1.7	20.9	690
44×1	1/1.13	0.6	1.7	22.1	782	44×1	7/0.43	0.6	1.7	23.4	818
48×1	1/1.13	0.6	1.7	22.5	837	48×1	7/0.43	0.6	1.7	23.8	872
52×1	1/1.13	0.6	1.7	23.1	899	52×1	7/0.43	0.6	1.7	24.4	935
61×1	1/1.13	0.6	1.7	24.5	1034	61×1	7/0.43	0.6	1.7	25.9	1077
2×1.5	1/1.38	0.7	1.2	8.1	89	2×1.5	7/0.52	0.7	1.2	8.5	94
3×1.5	1/1.38	0.7	1.2	8.6	111	3×1.5	7/0.52	0.7	1.2	8.9	116
4×1.5	1/1.38	0.7	1.2	9.2	134	4×1.5	7/0.52	0.7	1.2	9.8	143
5×1.5	1/1.38	0.7	1.2	10.0	157	5×1.5	7/0.52	0.7	1.2	10.5	165
6×1.5	1/1.38	0.7	1.2	10.8	187	6×1.5	7/0.52	0.7	1.2	11.4	196
7×1.5	1/1.38	0.7	1.2	10.8	198	7×1.5	7/0.52	0.7	1.2	11.4	207
8×1.5	1/1.38	0.7	1.5	12.3	241	8×1.5	7/0.52	0.7	1.5	12.9	251
10×1.5	1/1.38	0.7	1.5	14.2	303	10×1.5	7/0.52	0.7	1.5	15	317
12×1.5	1/1.38	0.7	1.5	14.6	339	12×1.5	7/0.52	0.7	1.5	15.4	354
14×1.5	1/1.38	0.7	1.5	15.4	385	14×1.5	7/0.52	0.7	1.5	16.2	402
16×1.5	1/1.38	0.7	1.5	16.1	434	16×1.5	7/0.52	0.7	1.5	17.1	455
19×1.5	1/1.38	0.7	1.5	17.0	498	19×1.5	7/0.52	0.7	1.5	17.9	517
24×1.5	1/1.38	0.7	1.7	20.2	646	24×1.5	7/0.52	0.7	1.7	21.3	675
27×1.5	1/1.38	0.7	1.7	20.6	703	27×1.5	7/0.52	0.7	1.7	21.8	733
30×1.5	1/1.38	0.7	1.7	21.3	770	30×1.5	7/0.52	0.7	1.7	22.6	803
37×1.5	1/1.38	0.7	1.7	23.0	924	37×1.5	7/0.52	0.7	1.7	24.3	965
44×1.5	1/1.38	0.7	1.7	25.7	1098	44×1.5	7/0.52	0.7	1.7	27.3	1150
48×1.5	1/1.38	0.7	1.7	26.2	1174	48×1.5	7/0.52	0.7	1.7	27.8	1231
52×1.5	1/1.38	0.7	1.7	26.9	1261	52×1.5	7/0.52	0.7	1.7	28.5	1315
61×1.5	1/1.38	0.7	2	29.1	1498	61×1.5	7/0.52	0.7	2	30.8	1562

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Sheath Thickness	Approx. Overall Dia.	Approx. Weight	Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	kg/km	mm ²	No./mm	mm	mm	mm	kg/km
2x2.5	1/1.78	0.8	1.2	9.3	123	2x2.5	7/0.68	0.8	1.2	9.8	131
3x2.5	1/1.78	0.8	1.2	9.8	156	3x2.5	7/0.68	0.8	1.2	10.3	165
4x2.5	1/1.78	0.8	1.2	10.7	192	4x2.5	7/0.68	0.8	1.2	11.3	204
5x2.5	1/1.78	0.8	1.5	12.2	245	5x2.5	7/0.68	0.8	1.5	12.9	258
6x2.5	1/1.78	0.8	1.5	13.2	291	6x2.5	7/0.68	0.8	1.5	14	308
7x2.5	1/1.78	0.8	1.5	13.2	310	7x2.5	7/0.68	0.8	1.5	14	326
8x2.5	1/1.78	0.8	1.5	14.3	349	8x2.5	7/0.68	0.8	1.5	15.1	368
10x2.5	1/1.78	0.8	1.5	16.6	442	10x2.5	7/0.68	0.8	1.5	17.7	467
12x2.5	1/1.78	0.8	1.5	17.2	500	12x2.5	7/0.68	0.8	1.5	18.3	526
14x2.5	1/1.78	0.8	1.5	18.0	569	14x2.5	7/0.68	0.8	1.5	19.2	599
16x2.5	1/1.78	0.8	1.7	19.4	664	16x2.5	7/0.68	0.8	1.7	20.6	700
19x2.5	1/1.78	0.8	1.7	20.4	762	19x2.5	7/0.68	0.8	1.7	21.7	802
24x2.5	1/1.78	0.8	1.7	23.8	961	24x2.5	7/0.68	0.8	1.7	25.3	1013
27x2.5	1/1.78	0.8	1.7	24.3	1051	27x2.5	7/0.68	0.8	1.7	25.9	1105
30x2.5	1/1.78	0.8	1.7	25.2	1154	30x2.5	7/0.68	0.8	1.7	26.8	1214
37x2.5	1/1.78	0.8	1.7	27.2	1395	37x2.5	7/0.68	0.8	1.7	29	1466
44x2.5	1/1.78	0.8	2	31.1	1698	44x2.5	7/0.68	0.8	2	33.2	1787
48x2.5	1/1.78	0.8	2	31.6	1822	48x2.5	7/0.68	0.8	2	33.8	1916
52x2.5	1/1.78	0.8	2	32.6	1964	52x2.5	7/0.68	0.8	2	34.8	2065
61x2.5	1/1.78	0.8	2.2	34.9	2300	61x2.5	7/0.68	0.8	2.2	37.3	2418
2x4	1/2.25	0.8	1.2	10.2	162	2x4	7/0.85	0.8	1.2	10.8	171
3x4	1/2.25	0.8	1.2	10.8	210	3x4	7/0.85	0.8	1.2	11.4	219
4x4	1/2.25	0.8	1.5	12.4	279	4x4	7/0.85	0.8	1.5	13.1	291
5x4	1/2.25	0.8	1.5	13.5	331	5x4	7/0.85	0.8	1.5	14.3	345
6x4	1/2.25	0.8	1.5	14.7	395	6x4	7/0.85	0.8	1.5	15.6	411
7x4	1/2.25	0.8	1.5	14.7	426	7x4	7/0.85	0.8	1.5	15.6	441
8x4	1/2.25	0.8	1.5	15.8	481	8x4	7/0.85	0.8	1.5	16.7	496
10x4	1/2.25	0.8	1.7	18.9	628	10x4	7/0.85	0.8	1.7	20.1	652
12x4	1/2.25	0.8	1.7	19.5	712	12x4	7/0.85	0.8	1.7	20.7	737
14x4	1/2.25	0.8	1.7	20.5	814	14x4	7/0.85	0.8	1.7	21.8	842
2x6	1/2.77	0.8	1.2	11.2	214	2x6	7/1.04	0.8	1.2	11.9	222
3x6	1/2.77	0.8	1.5	12.5	299	3x6	7/1.04	0.8	1.5	13.3	309
4x6	1/2.77	0.8	1.5	13.7	374	4x6	7/1.04	0.8	1.5	14.5	385
5x6	1/2.77	0.8	1.5	14.9	446	5x6	7/1.04	0.8	1.5	15.8	458
6x6	1/2.77	0.8	1.5	16.1	532	6x6	7/1.04	0.8	1.5	17.3	549
7x6	1/2.77	0.8	1.5	16.2	580	7x6	7/1.04	0.8	1.5	17.2	591
8x6	1/2.77	0.8	1.7	17.9	674	8x6	7/1.04	0.8	1.7	19.1	689
10x6	1/2.77	0.8	1.7	21.0	854	10x6	7/1.04	0.8	1.7	22.4	874
12x6	1/2.77	0.8	1.7	21.7	975	12x6	7/1.04	0.8	1.7	23	991
14x6	1/2.77	0.8	1.7	22.8	1117	14x6	7/1.04	0.8	1.7	24.3	1141

● Technical Parameters

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	kg/km
2×10	7/1.35	1	1.5	15.2	365
3×10	7/1.35	1	1.5	16.1	478
4×10	7/1.35	1	1.5	17.7	602
5×10	7/1.35	1	1.7	19.8	738
10×10	7/1.35	1	1.7	21.7	888
7×10	7/1.35	1	1.7	21.7	961
8×10	7/1.35	1	1.7	23.5	1090
10×10	7/1.35	1	1.7	27.7	1390

KVV22							
Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Thickness of Inner Sheath	Thickness of Steel Tape	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	mm	kg/km
5x0.75	1/0.97	0.6	1.1	0.2	1.5	12.00	231
6x0.75	1/0.97	0.6	1.1	0.2	1.5	12.67	258
7x0.75	1/0.97	0.6	1.1	0.2	1.5	12.67	264
8x0.75	1/0.97	0.6	1.1	0.2	1.5	13.35	289
10x0.75	1/0.97	0.6	1.2	0.2	1.5	14.93	348
12x0.75	1/0.97	0.6	1.2	0.2	1.5	15.28	373
14x0.75	1/0.97	0.6	1.2	0.2	1.5	15.87	407
16x0.75	1/0.97	0.6	1.2	0.2	1.5	16.51	445
19x0.75	1/0.97	0.6	1.2	0.2	1.5	17.19	490
24x0.75	1/0.97	0.6	1.2	0.2	1.7	19.64	606
27x0.75	1/0.97	0.6	1.2	0.2	1.7	19.99	642
30x0.75	1/0.97	0.6	1.2	0.2	1.7	20.58	688
37x0.75	1/0.97	0.6	1.2	0.2	1.7	21.90	795
44x0.75	1/0.97	0.6	1.2	0.2	1.7	24.16	928
48x0.75	1/0.97	0.6	1.2	0.2	1.7	24.31	963
52x0.75	1/0.97	0.6	1.2	0.2	1.7	24.89	1020
61x0.75	1/0.97	0.6	1.2	0.2	1.7	26.22	1149
5x0.75	7/0.37	0.6	1.1	0.2	1.5	12.39	241
6x0.75	7/0.37	0.6	1.1	0.2	1.5	13.11	271
7x0.75	7/0.37	0.6	1.1	0.2	1.5	13.11	276
8x0.75	7/0.37	0.6	1.2	0.2	1.5	13.83	303
10x0.75	7/0.37	0.6	1.2	0.2	1.5	15.51	366
12x0.75	7/0.37	0.6	1.2	0.2	1.5	15.88	391
14x0.75	7/0.37	0.6	1.2	0.2	1.5	16.51	427
16x0.75	7/0.37	0.6	1.2	0.2	1.5	17.20	468
19x0.75	7/0.37	0.6	1.2	0.2	1.5	17.92	515
24x0.75	7/0.37	0.6	1.2	0.2	1.7	20.52	638
27x0.75	7/0.37	0.6	1.2	0.2	1.7	20.89	676
30x0.75	7/0.37	0.6	1.2	0.2	1.7	21.51	724
37x0.75	7/0.37	0.6	1.2	0.2	1.7	22.92	837
44x0.75	7/0.37	0.6	1.2	0.2	1.7	25.12	965
48x0.75	7/0.37	0.6	1.2	0.2	1.7	25.49	1014
52x0.75	7/0.37	0.6	1.2	0.2	1.7	26.12	1075
61x0.75	7/0.37	0.6	1.2	0.2	1.7	27.53	1211

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Thickness of Inner Sheath	Thickness of Steel Tape	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	mm	kg/km
4x1	1/1.13	0.6	1.1	0.2	1.5	11.75	224
5x1	1/1.14	1.6	1.1	0.2	1.5	12.45	254
6x1	1/1.15	2.6	1.1	0.2	1.5	13.17	286
7x1	1/1.16	3.6	1.1	0.2	1.5	13.17	294
8x1	1/1.17	4.6	1.2	0.2	1.5	13.90	322
10x1	1/1.18	5.6	1.2	0.2	1.5	15.60	391
12x1	1/1.19	6.6	1.2	0.2	1.5	15.97	421
14x1	1/1.20	7.6	1.2	0.2	1.5	16.60	462
16x1	1/1.21	8.6	1.2	0.2	1.5	17.29	507
19x1	1/1.22	9.6	1.2	0.2	1.5	18.02	561
24x1	1/1.23	10.6	1.2	0.2	1.7	20.64	696
27x1	1/1.24	11.6	1.2	0.2	1.7	21.02	741
30x1	1/1.25	12.6	1.2	0.2	1.7	21.65	796
37x1	1/1.26	13.6	1.2	0.2	1.7	23.07	925
44x1	1/1.27	14.6	1.2	0.2	1.7	25.29	1070
48x1	1/1.28	15.6	1.2	0.2	1.7	25.66	1128
52x1	1/1.29	16.6	1.2	0.2	1.7	26.29	1198
61x1	1/1.30	17.6	1.2	0.2	1.7	27.71	1355
4x1	7/0.43	0.6	1.1	0.2	1.5	12.16	234
5x1	7/0.43	0.6	1.1	0.2	1.5	12.9	266
6x1	7/0.43	0.6	1.2	0.2	1.5	13.67	301
7x1	7/0.43	0.6	1.2	0.2	1.5	13.67	308
8x1	7/0.43	0.6	1.2	0.2	1.5	14.45	338
10x1	7/0.43	0.6	1.2	0.2	1.5	16.26	411
12x1	7/0.43	0.6	1.2	0.2	1.5	16.66	442
14x1	7/0.43	0.6	1.2	0.2	1.5	17.33	485
16x1	7/0.43	0.6	1.2	0.2	1.5	18.08	532
19x1	7/0.43	0.6	1.2	0.2	1.5	18.65	580
24x1	7/0.43	0.6	1.2	0.2	1.7	21.64	733
27x1	7/0.43	0.6	1.2	0.2	1.7	22.04	779
30x1	7/0.43	0.6	1.2	0.2	1.7	22.71	837
37x1	7/0.43	0.6	1.2	0.2	1.7	24.03	960
44x1	7/0.43	0.6	1.2	0.2	1.7	26.62	1126
48x1	7/0.43	0.6	1.2	0.2	1.7	27.02	1187
52x1	7/0.43	0.6	1.2	0.2	1.7	27.69	1260
61x1	7/0.43	0.6	1.2	0.2	1.7	29.01	1410

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Thickness of Inner Sheath	Thickness of Steel Tape	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	mm	kg/km
3x1.5	1/1.38	0.7	1.1	0.2	1.5	12.13	243
4x1.5	1/1.38	0.7	1.1	0.2	1.5	12.88	278
5x1.5	1/1.38	0.7	1.2	0.2	1.5	13.71	313
6x1.5	1/1.38	0.7	1.2	0.2	1.5	14.58	356
7x1.5	1/1.38	0.7	1.2	0.2	1.5	14.58	367
8x1.5	1/1.38	0.7	1.2	0.2	1.5	15.44	405
10x1.5	1/1.38	0.7	1.2	0.2	1.5	17.47	496
12x1.5	1/1.38	0.7	1.2	0.2	1.5	17.91	538
14x1.5	1/1.38	0.7	1.2	0.2	1.5	18.67	595
16x1.5	1/1.38	0.7	1.2	0.2	1.7	19.69	665
19x1.5	1/1.38	0.7	1.2	0.2	1.7	20.56	741
24x1.5	1/1.38	0.7	1.2	0.2	1.7	23.45	914
27x1.5	1/1.38	0.7	1.2	0.2	1.7	23.90	977
30x1.5	1/1.38	0.7	1.2	0.2	1.7	24.45	1043
37x1.5	1/1.38	0.7	1.2	0.2	1.7	26.14	1223
44x1.5	1/1.38	0.7	1.2	0.2	2	29.63	1480
48x1.5	1/1.38	0.7	1.2	0.2	2	29.88	1549
52x1.5	1/1.38	0.7	1.2	0.2	2	30.63	1648
61x1.5	1/1.38	0.7	1.2	0.2	2	32.32	1872
3x1.5	7/0.52	0.7	1.1	0.2	1.5	12.53	253
4x1.5	7/0.52	0.7	1.1	0.2	1.5	13.34	290
5x1.5	7/0.52	0.7	1.2	0.2	1.5	14.22	325
6x1.5	7/0.52	0.7	1.2	0.2	1.5	15.14	372
7x1.5	7/0.52	0.7	1.2	0.2	1.5	15.14	382
8x1.5	7/0.52	0.7	1.2	0.2	1.5	16.06	422
10x1.5	7/0.52	0.7	1.2	0.2	1.5	18.22	518
12x1.5	7/0.52	0.7	1.2	0.2	1.5	18.69	561
14x1.5	7/0.52	0.7	1.2	0.2	1.7	19.69	628
16x1.5	7/0.52	0.7	1.2	0.2	1.7	20.57	691
19x1.5	7/0.52	0.7	1.2	0.2	1.7	21.50	771
24x1.5	7/0.52	0.7	1.2	0.2	1.7	24.37	941
27x1.5	7/0.52	0.7	1.2	0.2	1.7	24.85	1005
30x1.5	7/0.52	0.7	1.2	0.2	1.7	25.65	1085
37x1.5	7/0.52	0.7	1.2	0.2	1.7	27.45	1271
44x1.5	7/0.52	0.7	1.2	0.2	2	30.93	1525
48x1.5	7/0.52	0.7	1.2	0.2	2	31.41	1611
52x1.5	7/0.52	0.7	1.2	0.2	2	32.21	1713
61x1.5	7/0.52	0.7	1.2	0.2	2	34.01	1945

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Thickness of Inner Sheath	Thickness of Steel Tape	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	mm	kg/km
2x2.5	1/1.78	0.8	1.2	0.2	1.5	13.13	275
3x2.5	1/1.78	0.8	1.2	0.2	1.5	13.68	316
4x2.5	1/1.78	0.8	1.2	0.2	1.5	14.39	358
5x2.5	1/1.78	0.8	1.2	0.2	1.5	15.40	409
6x2.5	1/1.78	0.8	1.2	0.2	1.5	16.45	469
7x2.5	1/1.78	0.8	1.2	0.2	1.5	16.45	488
8x2.5	1/1.78	0.8	1.2	0.2	1.5	17.50	542
10x2.5	1/1.78	0.8	1.2	0.2	1.7	20.16	679
12x2.5	1/1.78	0.8	1.2	0.2	1.7	20.71	743
14x2.5	1/1.78	0.8	1.2	0.2	1.7	21.62	828
16x2.5	1/1.78	0.8	1.2	0.2	1.7	22.63	920
19x2.5	1/1.78	0.8	1.2	0.2	1.7	23.68	1034
24x2.5	1/1.78	0.8	1.2	0.2	1.7	27.00	1272
27x2.5	1/1.78	0.8	1.2	0.2	1.7	27.54	1369
30x2.5	1/1.78	0.8	1.2	0.2	1.7	28.45	1486
37x2.5	1/1.78	0.8	1.2	0.5	2	32.11	2086
44x2.5	1/1.78	0.8	1.2	0.5	2.2	36.03	2479
48x2.5	1/1.78	0.8	1.2	0.5	2.2	36.37	2596
52x2.5	1/1.78	0.8	1.2	0.5	2.2	37.28	2757
61x2.5	1/1.78	0.8	1.2	0.5	2.2	39.34	3120
2x2.5	7/0.68	0.8	1.2	0.2	1.5	13.68	291
3x2.5	7/0.68	1.8	1.2	0.2	1.5	14.06	326
4x2.5	7/0.68	2.8	1.2	0.2	1.5	15.04	379
5x2.5	7/0.68	3.8	1.2	0.2	1.5	16.13	432
6x2.5	7/0.68	4.8	1.2	0.2	1.5	17.26	497
7x2.5	7/0.68	5.8	1.2	0.2	1.5	17.26	516
8x2.5	7/0.68	6.8	1.2	0.2	1.5	18.4	573
10x2.5	7/0.68	7.8	1.2	0.2	1.7	21.25	719
12x2.5	7/0.68	8.8	1.2	0.2	1.7	21.83	786
14x2.5	7/0.68	9.8	1.2	0.2	1.7	22.81	875
16x2.5	7/0.68	10.8	1.2	0.2	1.7	23.9	974
19x2.5	7/0.68	11.8	1.2	0.2	1.7	24.83	1080
24x2.5	7/0.68	12.8	1.2	0.2	1.7	28.62	1346
27x2.5	7/0.68	13.8	1.2	0.2	1.7	29	1432
30x2.5	7/0.68	14.8	1.2	0.2	1.7	29.98	1555
37x2.5	7/0.68	15.8	1.2	0.5	2	34	2207
44x2.5	7/0.68	16.8	1.2	0.5	2.2	37.99	2604
48x2.5	7/0.68	17.8	1.2	0.5	2.2	38.57	2746
52x2.5	7/0.68	18.8	1.2	0.5	2.2	39.56	2916
61x2.5	7/0.68	19.8	1.3	0.5	2.2	41.77	3299

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Thickness of Inner Sheath	Thickness of Steel Tape	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	mm	kg/km
2×4	1/2.25	0.8	1.2	0.2	1.5	13.91	321
3×4	1/2.25	0.8	1.2	0.2	1.5	14.53	378
4×4	1/2.25	0.8	1.2	0.2	1.5	15.57	446
5×4	1/2.25	0.8	1.2	0.2	1.5	16.71	514
6×4	1/2.25	0.8	1.2	0.2	1.5	17.92	595
7×4	1/2.25	0.8	1.2	0.2	1.5	17.92	625
8×4	1/2.25	0.8	1.2	0.2	1.7	19.32	705
10×4	1/2.25	0.8	1.2	0.2	1.7	22.12	876
12×4	1/2.25	0.8	1.2	0.2	1.7	22.74	970
14×4	1/2.25	0.8	1.2	0.2	1.7	23.78	1087
2×4	7/0.85	0.8	1.2	0.2	1.5	14.54	339
3×4	7/0.85	0.8	1.2	0.2	1.5	15.2	397
4×4	7/0.85	0.8	1.2	0.2	1.5	16.32	468
5×4	7/0.85	0.8	1.2	0.2	1.5	17.56	538
6×4	7/0.85	0.8	1.2	0.2	1.5	18.65	614
7×4	7/0.85	0.8	1.2	0.2	1.5	18.65	642
8×4	7/0.85	0.8	1.2	0.2	1.7	20.35	737
10×4	7/0.85	0.8	1.2	0.2	1.7	23.37	918
12×4	7/0.85	0.8	1.2	0.2	1.7	24.03	1012
14×4	7/0.85	0.8	1.2	0.2	1.7	24.95	1121
2×6	1/2.76	0.8	1.2	0.2	1.5	14.97	387
3×6	1/2.76	0.8	1.2	0.2	1.5	15.67	465
4×6	1/2.76	0.8	1.2	0.2	1.5	16.85	556
5×6	1/2.76	0.8	1.2	0.2	1.7	18.35	653
6×6	1/2.76	0.8	1.2	0.2	1.7	19.71	761
7×6	1/2.76	0.8	1.2	0.2	1.7	19.71	806
8×6	1/2.76	0.8	1.2	0.2	1.7	21.07	903
10×6	1/2.76	0.8	1.2	0.2	1.7	24.04	1115
12×6	1/2.76	0.8	1.2	0.2	1.7	24.74	1245
14×6	1/2.76	0.8	1.2	0.2	1.7	25.92	1406
2×6	7/1.04	0.8	1.2	0.2	1.5	15.72	408
3×6	7/1.04	0.8	1.2	0.2	1.5	16.48	488
4×6	7/1.04	0.8	1.2	0.2	1.5	17.75	581
5×6	7/1.04	0.8	1.2	0.2	1.7	19.36	682
6×6	7/1.04	0.8	1.2	0.2	1.7	20.83	796
7×6	7/1.04	0.8	1.2	0.2	1.7	20.83	838
8×6	7/1.04	0.8	1.2	0.2	1.7	22.30	939
10×6	7/1.04	0.8	1.2	0.2	1.7	25.54	1162
12×6	7/1.04	0.8	1.2	0.2	1.7	26.30	1293
14×6	7/1.04	0.8	1.2	0.2	1.7	27.57	1458

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Thickness of Inner Sheath	Thickness of Steel Tape	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	mm	kg/km
2×10	7/1.35	1	1.2	0.2	1.7	18.9	589
3×10	7/1.35	1	1.2	0.2	1.7	19.7	707
4×10	7/1.35	1	1.2	0.2	1.7	21.3	854
5×10	7/1.35	1	1.2	0.2	1.7	23.1	1000
10×10	7/1.35	1	1.2	0.2	1.7	24.8	1164
7×10	7/1.35	1	1.2	0.2	1.7	24.8	1237
8×10	7/1.35	1	1.2	0.2	1.7	26.7	1393
10×10	7/1.35	1	1.2	0.2	2	31.5	1786



KVV32							
Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Thickness of Inner Sheath	Thickness of Steel Tape	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	mm	kg/km
3x0.75	1/0.97	0.6	1.1	1.6	1.5	13.29	419
4x0.75	1/0.97	0.6	1.1	1.6	1.5	13.92	457
5x0.75	1/0.97	0.6	1.1	1.6	1.5	14.61	501
6x0.75	1/0.97	0.6	1.1	1.6	1.5	15.33	547
7x0.75	1/0.97	0.6	1.1	1.6	1.5	15.33	552
8x0.75	1/0.97	0.6	1.1	1.6	1.5	15.86	588
10x0.75	1/0.97	0.6	1.2	1.6	1.5	17.33	676
12x0.75	1/0.97	0.6	1.2	1.6	1.5	17.71	710
14x0.75	1/0.97	0.6	1.2	1.6	1.5	18.33	760
16x0.75	1/0.97	0.6	1.2	1.6	1.5	18.82	807
19x0.75	1/0.97	0.6	1.2	1.6	1.7	19.95	888
24x0.75	1/0.97	0.6	1.2	1.6	1.7	21.95	1034
27x0.75	1/0.97	0.6	1.2	1.6	1.7	22.32	1080
30x0.75	1/0.97	0.6	1.2	1.6	1.7	22.95	1142
37x0.75	1/0.97	0.6	1.2	1.6	1.7	24.36	1285
44x0.75	1/0.97	0.6	1.2	1.6	1.7	26.58	1470
48x0.75	1/0.97	0.6	1.2	1.6	1.7	26.74	1509
52x0.75	1/0.97	0.6	1.2	1.6	1.7	27.37	1583
61x0.75	1/0.97	0.6	1.2	1.6	2.0	29.18	1777
3x0.75	7/0.37	0.6	1.1	1.6	1.5	13.63	435
4x0.75	7/0.37	0.6	1.1	1.6	1.5	14.29	476
5x0.75	7/0.37	0.6	1.1	1.6	1.5	15.03	522
6x0.75	7/0.37	0.6	1.1	1.6	1.5	15.80	571
7x0.75	7/0.37	0.6	1.1	1.6	1.5	15.80	577
8x0.75	7/0.37	0.6	1.2	1.6	1.5	16.37	615
10x0.75	7/0.37	0.6	1.2	1.6	1.5	17.96	710
12x0.75	7/0.37	0.6	1.2	1.6	1.5	18.35	745
14x0.75	7/0.37	0.6	1.2	1.6	1.5	18.82	789
16x0.75	7/0.37	0.6	1.2	1.6	1.7	19.96	867
19x0.75	7/0.37	0.6	1.2	1.6	1.7	20.73	934
24x0.75	7/0.37	0.6	1.2	1.6	1.7	22.88	1090
27x0.75	7/0.37	0.6	1.2	1.6	1.7	23.28	1138
30x0.75	7/0.37	0.6	1.2	1.6	1.7	23.95	1204
37x0.75	7/0.37	0.6	1.2	1.6	1.7	25.26	1344
44x0.75	7/0.37	0.6	1.2	1.6	1.7	27.61	1534
48x0.75	7/0.37	0.6	1.2	1.6	1.7	27.81	1581
52x0.75	7/0.37	0.6	1.2	1.6	1.7	28.48	1659
61x0.75	7/0.37	0.6	1.2	1.6	2.0	30.58	1878

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Thickness of Inner Sheath	Thickness of Steel Tape	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	mm	kg/km
2x1	1/1.13	0.6	1.2	1.6	1.5	13.27	418
3x1	1/1.13	0.6	1.2	1.6	1.5	13.67	444
4x1	1/1.13	0.6	1.2	1.6	1.5	14.4	487
5x1	1/1.13	0.6	1.2	1.6	1.5	15.1	537
6x1	1/1.13	0.6	1.2	1.6	1.5	15.9	588
7x1	1/1.13	0.6	1.2	1.6	1.5	15.9	596
8x1	1/1.13	0.6	1.2	1.6	1.5	16.2	624
10x1	1/1.13	0.6	1.2	1.6	1.5	18.1	737
12x1	1/1.13	0.6	1.2	1.6	1.7	18.5	777
14x1	1/1.13	0.6	1.2	1.6	1.7	19.3	844
16x1	1/1.13	0.6	1.2	1.6	1.7	20.1	908
19x1	1/1.13	0.6	1.2	1.6	1.7	20.8	983
24x1	1/1.13	0.6	1.2	1.6	1.7	23.0	1151
27x1	1/1.13	0.6	1.2	1.6	1.7	23.4	1206
30x1	1/1.13	0.6	1.2	1.6	1.7	24.1	1279
37x1	1/1.13	0.6	1.2	1.6	1.7	25.4	1436
44x1	1/1.13	0.6	1.2	1.6	2.0	27.6	1631
48x1	1/1.13	0.6	1.2	1.6	2.0	28.6	1739
52x1	1/1.13	0.6	1.2	1.6	2.0	29.3	1828
61x1	1/1.13	0.6	1.2	1.6	2.0	30.8	2028
2x1	7/0.43	0.6	1.2	1.6	1.5	13.63	436
3x1	7/0.43	0.6	1.2	1.6	1.5	14.06	462
4x1	7/0.43	0.6	1.2	1.6	1.5	14.78	508
5x1	7/0.43	0.6	1.2	1.6	1.5	15.57	560
6x1	7/0.43	0.6	1.2	1.6	1.5	15.99	596
7x1	7/0.43	0.6	1.2	1.6	1.5	15.99	603
8x1	7/0.43	0.6	1.2	1.6	1.5	16.82	654
10x1	7/0.43	0.6	1.2	1.6	1.5	18.76	775
12x1	7/0.43	0.6	1.2	1.6	1.7	19.39	826
14x1	7/0.43	0.6	1.2	1.6	1.7	20.11	888
16x1	7/0.43	0.6	1.2	1.6	1.7	20.9	956
19x1	7/0.43	0.6	1.3	1.6	1.7	21.73	1035
24x1	7/0.43	0.6	1.2	1.6	1.7	24.09	1216
27x1	7/0.43	0.6	1.2	1.6	1.7	24.51	1273
30x1	7/0.43	0.6	1.2	1.6	1.7	25.03	1339
37x1	7/0.43	0.6	1.3	1.6	1.7	26.66	1517
44x1	7/0.43	0.6	1.2	1.6	2.0	29.61	1766
48x1	7/0.43	0.6	1.2	1.6	2.0	30.04	1838
52x1	7/0.43	0.6	1.2	1.6	2.0	30.76	1932
61x1	7/0.43	0.6	1.2	1.6	2.0	31.97	2108

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Thickness of Inner Sheath	Thickness of Steel Tape	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	mm	kg/km
2x1.5	1/1.38	0.7	1.2	1.6	1.5	14.28	477
3x1.5	1/1.38	0.7	1.2	1.6	1.5	14.8	517
4x1.5	1/1.38	0.7	1.2	1.6	1.5	15.6	572
5x1.5	1/1.38	0.7	1.2	1.6	1.5	16.0	609
6x1.5	1/1.38	0.7	1.2	1.6	1.5	17.0	675
7x1.5	1/1.38	0.7	1.2	1.6	1.5	17.0	686
8x1.5	1/1.38	0.7	1.2	1.6	1.5	17.9	747
10x1.5	1/1.38	0.7	1.2	1.6	1.7	20.3	903
12x1.5	1/1.38	0.7	1.2	1.6	1.7	20.7	957
14x1.5	1/1.38	0.7	1.2	1.6	1.7	21.5	1035
16x1.5	1/1.38	0.7	1.2	1.6	1.7	22.0	1095
19x1.5	1/1.38	0.7	1.2	1.6	1.7	22.9	1194
24x1.5	1/1.38	0.7	1.2	1.6	1.7	25.8	1436
27x1.5	1/1.38	0.7	1.2	1.6	1.7	26.3	1512
30x1.5	1/1.38	0.7	1.2	1.6	1.7	26.9	1593
37x1.5	1/1.38	0.7	1.2	1.6	2.0	29.1	1848
44x1.5	1/1.38	0.7	1.2	1.6	2.0	32.0	2137
48x1.5	1/1.38	0.7	1.2	1.6	2.0	32.3	2213
52x1.5	1/1.38	0.7	1.2	1.6	2.0	33.9	2573
61x1.5	1/1.38	0.7	1.2	1.6	2.2	35.9	2877
2x1.5	7/0.52	0.7	1.2	1.6	1.5	14.68	497
3x1.5	7/0.52	0.7	1.2	1.6	1.5	15.18	538
4x1.5	7/0.52	0.7	1.2	1.6	1.5	15.84	589
5x1.5	7/0.52	0.7	1.2	1.6	1.5	16.57	636
6x1.5	7/0.52	0.7	1.2	1.6	1.5	17.56	705
7x1.5	7/0.52	0.7	1.2	1.6	1.5	17.56	716
8x1.5	7/0.52	0.7	1.2	1.6	1.5	18.55	781
10x1.5	7/0.52	0.7	1.2	1.6	1.7	21.05	946
12x1.5	7/0.52	0.7	1.2	1.6	1.7	21.56	1002
14x1.5	7/0.52	0.7	1.2	1.6	1.7	22	1057
16x1.5	7/0.52	0.7	1.2	1.6	1.7	22.94	1147
19x1.5	7/0.52	0.7	1.2	1.6	1.7	23.93	1250
24x1.5	7/0.52	0.7	1.2	1.6	1.7	26.81	1489
27x1.5	7/0.52	0.7	1.2	1.6	1.7	27.32	1566
30x1.5	7/0.52	0.7	1.2	1.6	1.7	27.97	1656
37x1.5	7/0.52	0.7	1.2	1.6	2.0	30.5	1936
44x1.5	7/0.52	0.7	1.2	1.6	2.2	34.44	2477
48x1.5	7/0.52	0.7	1.2	1.6	2.2	34.95	2580
52x1.5	7/0.52	0.7	1.2	1.6	2.2	35.8	2714
61x1.5	7/0.52	0.7	1.2	1.6	2.2	37.53	2997

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Thickness of Inner Sheath	Thickness of Steel Tape	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	mm	kg/km
2×2.5	1/1.78	0.8	1.2	1.6	1.5	15.6	563
3×2.5	1/1.78	0.8	1.2	1.6	1.5	16.0	611
4×2.5	1/1.78	0.8	1.2	1.6	1.5	11.2	672
5×2.5	1/1.78	0.8	1.2	1.6	1.5	12.3	749
6×2.5	1/1.78	0.8	1.2	1.6	1.5	13.2	830
7×2.5	1/1.78	0.8	1.2	1.6	1.5	13.2	849
8×2.5	1/1.78	0.8	1.2	1.6	1.7	14.6	950
10×2.5	1/1.78	0.8	1.2	1.6	1.7	17.0	1121
12×2.5	1/1.78	0.8	1.2	1.6	1.7	17.5	1200
14×2.5	1/1.78	0.8	1.2	1.6	1.7	18.5	1310
16×2.5	1/1.78	0.8	1.2	1.6	1.7	19.3	1419
19×2.5	1/1.78	0.8	1.2	1.6	1.7	20.4	1562
24×2.5	1/1.78	0.8	1.2	1.6	2.0	24.4	1924
27×2.5	1/1.78	0.8	1.2	1.6	2.0	25.0	2037
30×2.5	1/1.78	0.8	1.2	1.6	2.0	25.7	2167
37×2.5	1/1.78	0.8	1.2	1.6	2.0	28.1	2737
44×2.5	1/1.78	0.8	1.2	1.6	2.2	31.5	3177
48×2.5	1/1.78	0.8	1.2	1.6	2.2	32.0	3303
52×2.5	1/1.78	0.8	1.2	1.6	2.2	33.0	3489
61×2.5	1/1.78	0.8	1.2	1.6	2.5	35.5	3949
2×2.5	7/0.68	0.8	1.2	1.6	1.5	15.99	586
3×2.5	7/0.68	0.8	1.2	1.6	1.5	16.4	631
4×2.5	7/0.68	0.8	1.2	1.6	1.5	11.9	710
5×2.5	7/0.68	0.8	1.2	1.6	1.5	13.01	793
6×2.5	7/0.68	0.8	1.2	1.6	1.5	13.99	879
7×2.5	7/0.68	0.8	1.2	1.6	1.5	13.99	898
8×2.5	7/0.68	0.8	1.2	1.6	1.7	15.56	1006
10×2.5	7/0.68	0.8	1.2	1.6	1.7	18.08	1191
12×2.5	7/0.68	0.8	1.2	1.6	1.7	18.68	1274
14×2.5	7/0.68	0.8	1.2	1.6	1.7	19.49	1379
16×2.5	7/0.68	0.8	1.2	1.6	1.7	20.61	1508
19×2.5	7/0.68	0.8	1.2	1.6	1.7	21.77	1640
24×2.5	7/0.68	0.8	1.2	1.6	2.0	25.87	2032
27×2.5	7/0.68	0.8	1.2	1.6	2.0	26.47	2150
30×2.5	7/0.68	0.8	1.2	1.6	2.0	27.48	2282
37×2.5	7/0.68	0.8	1.2	2.0	2.2	30.02	2910
44×2.5	7/0.68	0.8	1.2	2.0	2.2	33.71	3356
48×2.5	7/0.68	0.8	1.2	2.0	2.2	34.11	3495
52×2.5	7/0.68	0.8	1.2	2.0	2.2	35.13	3692
61×2.5	7/0.68	0.8	1.2	2.0	2.5	37.81	4163

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Thickness of Inner Sheath	Thickness of Steel Tape	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	mm	kg/km
2×4	1/2.25	0.8	1.2	1.6	1.5	16.3	625
3×4	1/2.25	0.8	1.2	1.6	1.5	16.9	697
4×4	1/2.25	0.8	1.2	1.6	1.5	18.0	789
5×4	1/2.25	0.8	1.2	1.6	1.5	19.1	884
6×4	1/2.25	0.8	1.2	1.6	1.7	20.7	1013
7×4	1/2.25	0.8	1.2	1.6	1.7	20.7	1043
8×4	1/2.25	0.8	1.2	1.6	1.7	21.7	1131
10×4	1/2.25	0.8	1.2	1.6	1.7	24.5	1368
12×4	1/2.25	0.8	1.2	1.6	1.7	25.1	1476
14×4	1/2.25	0.8	1.2	1.6	1.7	26.2	1619
2×4	7/0.85	0.8	1.2	1.6	1.5	16.94	658
3×4	7/0.85	0.8	1.2	1.6	1.5	17.6	732
4×4	7/0.85	0.8	1.2	1.6	1.5	18.72	830
5×4	7/0.85	0.8	1.2	1.6	1.5	19.96	930
6×4	7/0.85	0.8	1.2	1.6	1.7	21.45	1052
7×4	7/0.85	0.8	1.2	1.6	1.7	21.45	1080
8×4	7/0.85	0.8	1.2	1.6	1.7	22.75	1187
10×4	7/0.85	0.8	1.2	1.6	1.7	25.77	1441
12×4	7/0.85	0.8	1.2	1.6	1.7	26.43	1551
14×4	7/0.85	0.8	1.2	1.6	1.7	27.35	1682
2×6	1/2.76	0.8	1.2	1.6	1.5	17.4	716
3×6	1/2.76	0.8	1.2	1.6	1.5	18.1	811
4×6	1/2.76	0.8	1.2	1.6	1.5	19.3	929
5×6	1/2.76	0.8	1.2	1.6	1.7	20.7	1056
6×6	1/2.76	0.8	1.2	1.6	1.7	22.1	1196
7×6	1/2.76	0.8	1.2	1.6	1.7	22.1	1241
8×6	1/2.76	0.8	1.2	1.6	1.7	23.5	1370
10×6	1/2.76	0.8	1.2	1.6	1.7	26.4	1653
12×6	1/2.76	0.8	1.2	1.6	1.7	27.1	1800
14×6	1/2.76	0.8	1.2	1.6	1.7	28.3	1988
2×6	7/1.04	0.8	1.2	1.6	1.5	18.12	756
3×6	7/1.04	0.8	1.2	1.6	1.5	18.88	853
4×6	7/1.04	0.8	1.2	1.6	1.5	20.15	977
5×6	7/1.04	0.8	1.2	1.6	1.7	21.76	1109
6×6	7/1.04	0.8	1.2	1.6	1.7	23.23	1258
7×6	7/1.04	0.8	1.2	1.6	1.7	23.23	1300
8×6	7/1.04	0.8	1.2	1.6	1.7	24.7	1436
10×6	7/1.04	0.8	1.2	1.6	1.7	27.94	1737
12×6	7/1.04	0.8	1.2	1.6	1.7	28.7	1886
14×6	7/1.04	0.8	1.2	1.6	1.7	29.97	2082

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Thickness of Inner Sheath	Thickness of Steel Tape	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	mm	kg/km
2×10	7/1.35	1	1.2	1.6	1.7	21.3	1011
3×10	7/1.35	1	1.2	1.6	1.7	22.1	1148
4×10	7/1.35	1	1.2	1.6	1.7	23.7	1336
5×10	7/1.35	1	1.2	1.6	1.7	25.5	1525
10×10	7/1.35	1	1.2	1.6	1.7	27.2	1732
7×10	7/1.35	1	1.2	1.6	1.7	27.2	1803
8×10	7/1.35	1	1.2	1.6	1.7	29.1	2006
10×10	7/1.35	1	1.2	1.6	2	33.9	2506



Nominal Cross Section Area	Conductor Structure	Insulation Thickness	KVVP		Approx. Overall Dia.	Approx. Weight
			Dia. of Braided Copper Wire	Sheath Thickness		
mm ²	No./mm	mm	mm	mm	mm	kg/km
2×0.75	1/0.97	0.6	0.15	1.2	7.7	87
3×0.75	1/0.97	0.6	0.15	1.2	8.1	97
4×0.75	1/0.97	0.6	0.15	1.2	8.7	114
5×0.75	1/0.97	0.6	0.15	1.2	9.3	136
6×0.75	1/0.97	0.6	0.15	1.2	9.9	155
7×0.75	1/0.97	0.6	0.15	1.2	9.9	160
8×0.75	1/0.97	0.6	0.15	1.2	10.6	178
10×0.75	1/0.97	0.6	0.20	1.5	12.9	252
12×0.75	1/0.97	0.6	0.20	1.5	13.2	274
14×0.75	1/0.97	0.6	0.20	1.5	13.8	303
16×0.75	1/0.97	0.6	0.20	1.5	14.4	336
19×0.75	1/0.97	0.6	0.20	1.5	15.1	375
24×0.75	1/0.97	0.6	0.20	1.5	17.2	462
27×0.75	1/0.97	0.6	0.20	1.5	17.5	496
30×0.75	1/0.97	0.6	0.20	1.7	18.5	554
37×0.75	1/0.97	0.6	0.20	1.7	19.8	650
44×0.75	1/0.97	0.6	0.25	1.7	22.2	787
48×0.75	1/0.97	0.6	0.25	1.7	22.5	831
52×0.75	1/0.97	0.6	0.25	1.7	23.0	881
61×0.75	1/0.97	0.6	0.25	1.7	24.4	1005
2×0.75	7/0.37	0.6	0.15	1.2	8.0	92
3×0.75	7/0.37	0.6	0.15	1.2	8.4	102
4×0.75	7/0.37	0.6	0.15	1.2	9.0	120
5×0.75	7/0.37	0.6	0.15	1.2	9.6	141
6×0.75	7/0.37	0.6	0.15	1.2	10.3	163
7×0.75	7/0.37	0.6	0.15	1.2	10.3	169
8×0.75	7/0.37	0.6	0.15	1.2	11.0	187
10×0.75	7/0.37	0.6	0.20	1.5	13.4	265
12×0.75	7/0.37	0.6	0.20	1.5	13.8	288
14×0.75	7/0.37	0.6	0.20	1.5	14.4	319
16×0.75	7/0.37	0.6	0.20	1.5	15.1	353
19×0.75	7/0.37	0.6	0.20	1.5	15.8	395
24×0.75	7/0.37	0.6	0.20	1.5	18.1	488
27×0.75	7/0.37	0.6	0.20	1.5	18.4	522
30×0.75	7/0.37	0.6	0.20	1.7	19.4	583
37×0.75	7/0.37	0.6	0.20	1.7	20.8	683
44×0.75	7/0.37	0.6	0.25	1.7	23.3	828
48×0.75	7/0.37	0.6	0.25	1.7	23.6	875
52×0.75	7/0.37	0.6	0.25	1.7	24.2	930
61×0.75	7/0.37	0.6	0.25	1.7	25.6	1055

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Dia. of Braided Copper Wire	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	kg/km
2×1	1/1.13	0.6	0.15	1.2	8.0	96
3×1	1/1.13	0.6	0.15	1.2	8.4	108
4×1	1/1.13	0.6	0.15	1.2	9.1	129
5×1	1/1.13	0.6	0.15	1.2	9.8	154
6×1	1/1.13	0.6	0.15	1.2	10.4	178
7×1	1/1.13	0.6	0.15	1.2	10.4	184
8×1	1/1.13	0.6	0.15	1.5	11.7	221
10×1	1/1.13	0.6	0.20	1.5	13.5	288
12×1	1/1.13	0.6	0.20	1.5	13.9	315
14×1	1/1.13	0.6	0.20	1.5	14.5	350
16×1	1/1.13	0.6	0.20	1.5	15.2	390
19×1	1/1.13	0.6	0.20	1.5	15.9	438
24×1	1/1.13	0.6	0.20	1.7	18.6	580
27×1	1/1.13	0.6	0.20	1.7	19.0	601
30×1	1/1.13	0.6	0.20	1.7	19.6	651
37×1	1/1.13	0.6	0.20	1.7	20.9	768
44×1	1/1.13	0.6	0.25	1.7	23.5	929
48×1	1/1.13	0.6	0.25	1.7	23.8	985
52×1	1/1.13	0.6	0.25	1.7	24.4	1050
61×1	1/1.13	0.6	0.25	1.7	25.8	1196
2×1	7/0.43	0.6	0.15	1.2	8.4	101
3×1	7/0.43	0.6	0.15	1.2	8.8	113
4×1	7/0.43	0.6	0.15	1.2	9.4	134
5×1	7/0.43	0.6	0.15	1.2	10.1	158
6×1	7/0.43	0.6	0.15	1.2	10.9	184
7×1	7/0.43	0.6	0.15	1.2	10.9	192
8×1	7/0.43	0.6	0.15	1.5	12.2	230
10×1	7/0.43	0.6	0.20	1.5	14.4	301
12×1	7/0.43	0.6	0.20	1.5	14.5	328
14×1	7/0.43	0.6	0.20	1.5	15.2	365
16×1	7/0.43	0.6	0.20	1.5	15.9	406
19×1	7/0.43	0.6	0.20	1.5	16.6	456
24×1	7/0.43	0.6	0.20	1.7	19.5	584
27×1	7/0.43	0.6	0.20	1.7	19.9	628
30×1	7/0.43	0.6	0.20	1.7	20.5	678
37×1	7/0.43	0.6	0.20	1.7	22	799
44×1	7/0.43	0.6	0.25	1.7	24.7	968
48×1	7/0.43	0.6	0.25	1.7	25.1	1025
52×1	7/0.43	0.6	0.25	1.7	25.7	1092
61×1	7/0.43	0.6	0.25	1.7	27.2	1243

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Dia. of Braided Copper Wire	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	kg/km
2x1.5	1/1.38	0.7	0.15	1.2	90.5	121
3x1.5	1/1.38	0.7	0.15	1.2	9.5	145
4x1.5	1/1.38	0.7	0.15	1.2	10.1	171
5x1.5	1/1.38	0.7	0.15	1.2	10.9	197
6x1.5	1/1.38	0.7	0.15	1.2	12.3	248
7x1.5	1/1.38	0.7	0.15	1.2	12.3	259
8x1.5	1/1.38	0.7	0.15	1.5	13.4	303
10x1.5	1/1.38	0.7	0.20	1.5	15.3	377
12x1.5	1/1.38	0.7	0.20	1.5	15.7	415
14x1.5	1/1.38	0.7	0.20	1.5	16.4	461
16x1.5	1/1.38	0.7	0.20	1.5	17.2	519
19x1.5	1/1.38	0.7	0.20	1.5	18.5	604
24x1.5	1/1.38	0.7	0.20	1.7	21.3	751
27x1.5	1/1.38	0.7	0.20	1.7	21.7	811
30x1.5	1/1.38	0.7	0.20	1.7	22.6	907
37x1.5	1/1.38	0.7	0.20	1.7	24.3	1073
44x1.5	1/1.38	0.7	0.25	1.7	27.0	1265
48x1.5	1/1.38	0.7	0.25	1.7	27.5	1344
52x1.5	1/1.38	0.7	0.25	2.0	28.8	1478
61x1.5	1/1.38	0.7	0.25	2.0	30.4	1686
2x1.5	7/0.52	0.7	0.15	1.2	9.3	126
3x1.5	7/0.52	0.7	0.15	1.2	9.8	150
4x1.5	7/0.52	0.7	0.15	1.2	10.5	178
5x1.5	7/0.52	0.7	0.15	1.2	11.4	204
6x1.5	7/0.52	0.7	0.15	1.5	12.9	258
7x1.5	7/0.52	0.7	0.15	1.5	12.9	269
8x1.5	7/0.52	0.7	0.20	1.5	14.0	315
10x1.5	7/0.52	0.7	0.20	1.5	16.0	392
12x1.5	7/0.52	0.7	0.20	1.5	16.5	431
14x1.5	7/0.52	0.7	0.20	1.5	17.3	483
16x1.5	7/0.52	0.7	0.20	1.5	18.1	538
19x1.5	7/0.52	0.7	0.20	1.7	19.4	627
24x1.5	7/0.52	0.7	0.20	1.7	22.4	781
27x1.5	7/0.52	0.7	0.20	1.7	22.8	841
30x1.5	7/0.52	0.7	0.25	1.7	23.8	941
37x1.5	7/0.52	0.7	0.25	1.7	25.5	1112
44x1.5	7/0.52	0.7	0.25	1.7	28.5	1312
48x1.5	7/0.52	0.7	0.25	1.7	28.9	1393
52x1.5	7/0.52	0.7	0.25	2.0	30.3	1530
61x1.5	7/0.52	0.7	0.25	2.0	32.0	1746

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Dia. of Braided Copper Wire	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	kg/km
2x2.5	1/1.79	0.8	0.15	1.2	10.3	168
3x2.5	1/1.79	0.8	0.15	1.2	10.8	204
4x2.5	1/1.79	0.8	0.20	1.5	12.5	278
5x2.5	1/1.79	0.8	0.20	1.5	13.5	322
6x2.5	1/1.79	0.8	0.20	1.5	14.6	375
7x2.5	1/1.79	0.8	0.20	1.5	14.6	394
8x2.5	1/1.79	0.8	0.20	1.5	15.6	440
10x2.5	1/1.79	0.8	0.20	1.5	18.0	551
12x2.5	1/1.79	0.8	0.20	1.7	18.9	628
14x2.5	1/1.79	0.8	0.20	1.7	19.8	706
16x2.5	1/1.79	0.8	0.20	1.7	20.8	792
19x2.5	1/1.79	0.8	0.20	1.7	21.9	897
24x2.5	1/1.79	0.8	0.20	1.7	25.3	1121
27x2.5	1/1.79	0.8	0.20	1.7	25.9	1215
30x2.5	1/1.79	0.8	0.20	1.7	26.8	1325
37x2.5	1/1.79	0.8	0.20	2.0	29.4	1622
44x2.5	1/1.79	0.8	0.20	2.0	32.8	1912
48x2.5	1/1.79	0.8	0.20	2.0	33.4	2040
52x2.5	1/1.79	0.8	0.20	2.2	34.7	2217
61x2.5	1/1.79	0.8	0.20	2.2	36.7	2542
2x2.5	7/0.68	0.8	0.15	1.2	10.7	176
3x2.5	7/0.68	0.8	0.15	1.2	11.2	214
4x2.5	7/0.68	0.8	0.20	1.5	13.0	291
5x2.5	7/0.68	0.8	0.20	1.5	14.0	332
6x2.5	7/0.68	0.8	0.20	1.5	15.1	393
7x2.5	7/0.68	0.8	0.20	1.5	15.1	411
8x2.5	7/0.68	0.8	0.20	1.5	16.2	460
10x2.5	7/0.68	0.8	0.20	1.5	18.8	576
12x2.5	7/0.68	0.8	0.20	1.7	19.7	656
14x2.5	7/0.68	0.8	0.20	1.7	20.7	738
16x2.5	7/0.68	0.8	0.20	1.7	21.7	823
19x2.5	7/0.68	0.8	0.20	1.7	22.8	938
24x2.5	7/0.68	0.8	0.20	1.7	26.4	1173
27x2.5	7/0.68	0.8	0.20	1.7	27.0	1269
30x2.5	7/0.68	0.8	0.20	1.7	27.9	1384
37x2.5	7/0.68	0.8	0.20	2.0	30.7	1694
44x2.5	7/0.68	0.8	0.20	2.0	34.3	1999
48x2.5	7/0.68	0.8	0.20	2.0	34.9	2132
52x2.5	7/0.68	0.8	0.20	2.2	36.2	2316
61x2.5	7/0.68	0.8	0.20	2.2	38.4	2656

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Dia. of Braided Copper Wire	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	kg/km
2×4	1/2.25	0.8	0.2	1.5	8.9	233
3×4	1/2.25	0.8	0.2	1.5	9.49	285
4×4	1/2.25	0.8	0.2	1.5	10.49	344
5×4	1/2.25	0.8	0.2	1.5	11.6	403
6×4	1/2.25	0.8	0.2	1.5	12.75	474
7×4	1/2.25	0.8	0.2	1.5	12.75	504
8×4	1/2.25	0.8	0.2	1.7	13.91	582
10×4	1/2.25	0.8	0.2	1.7	16.6	729
12×4	1/2.25	0.8	0.2	1.7	17.19	817
14×4	1/2.25	0.8	0.2	1.7	18.19	925
2×4	7/0.85	0.8	0.2	1.5	12.5	254
3×4	7/0.85	0.8	0.2	1.5	13.1	309
4×4	7/0.85	0.8	0.2	1.5	14.2	371
5×4	7/0.85	0.8	0.2	1.5	15.4	426
6×4	7/0.85	0.8	0.2	1.5	16.6	509
7×4	7/0.85	0.8	0.2	1.5	16.6	538
8×4	7/0.85	0.8	0.2	1.7	18.3	621
10×4	7/0.85	0.8	0.2	1.7	21.2	779
12×4	7/0.85	0.8	0.2	1.7	21.8	869
14×4	7/0.85	0.8	0.2	1.7	22.9	982
2×6	1/2.76	0.8	0.2	1.5	12.9	299
3×6	1/2.76	0.8	0.2	1.5	13.6	372
4×6	1/2.76	0.8	0.2	1.5	14.7	454
5×6	1/2.76	0.8	0.2	1.5	16.0	534
6×6	1/2.76	0.8	0.2	1.5	17.3	631
7×6	1/2.76	0.8	0.2	1.5	17.3	676
8×6	1/2.76	0.8	0.2	1.7	19.0	779
10×6	1/2.76	0.8	0.2	1.7	22.1	978
12×6	1/2.76	0.8	0.2	1.7	22.7	1103
14×6	1/2.76	0.8	0.2	1.7	23.9	1255
2×6	7/1.04	0.8	0.2	1.5	13.6	315
3×6	7/1.04	0.8	0.2	1.5	14.4	390
4×6	7/1.04	0.8	0.2	1.5	15.6	475
5×6	7/1.04	0.8	0.2	1.5	16.9	548
6×6	7/1.04	0.8	0.2	1.5	18.3	659
7×6	7/1.04	0.8	0.2	1.5	18.3	703
8×6	7/1.04	0.8	0.2	1.7	20.2	810
10×6	7/1.04	0.8	0.2	1.7	23.5	1019
12×6	7/1.04	0.8	0.2	1.7	24.2	1145
14×6	7/1.04	0.8	0.2	1.7	25.4	1301

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Dia. of Braided Copper Wire	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	kg/km
2×10	7/1.35	1.0	0.2	1.5	16.3	458
3×10	7/1.35	1.0	0.2	1.5	17.2	577
4×10	7/1.35	1.0	0.2	1.7	19.2	729
5×10	7/1.35	1.0	0.2	1.7	20.9	860
10×10	7/1.35	1.0	0.2	1.7	22.8	1022
7×10	7/1.35	1.0	0.2	1.7	22.8	1096
8×10	7/1.35	1.0	0.2	1.7	24.6	1237
10×10	7/1.35	0.7	0.25	1.7	26.3	1357

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	KVVP2		Approx. Overall Dia.	Approx. Weight
			Dia. of braided copper wire	Sheath Thickness		
mm ²	No./mm	mm	mm	mm	mm	kg/km
2×0.75	1/0.97	0.6	0.1	1.2	7.5	83
3×0.75	1/0.97	0.6	0.1	1.2	7.9	93
4×0.75	1/0.97	0.6	0.1	1.2	8.5	110
5×0.75	1/0.97	0.6	0.1	1.2	9.1	131
6×0.75	1/0.97	0.6	0.1	1.2	9.7	150
7×0.75	1/0.97	0.6	0.1	1.2	9.7	156
8×0.75	1/0.97	0.6	0.1	1.5	11.0	188
10×0.75	1/0.97	0.6	0.1	1.5	12.5	232
12×0.75	1/0.97	0.6	0.1	1.5	12.8	253
14×0.75	1/0.97	0.6	0.1	1.5	13.4	282
16×0.75	1/0.97	0.6	0.1	1.5	14.0	314
19×0.75	1/0.97	0.6	0.1	1.5	14.7	352
24×0.75	1/0.97	0.6	0.1	1.5	16.8	436
27×0.75	1/0.97	0.6	0.1	1.7	17.6	484
30×0.75	1/0.97	0.6	0.1	1.7	18.1	524
37×0.75	1/0.97	0.6	0.1	1.7	19.4	617
44×0.75	1/0.97	0.6	0.1	1.7	21.6	726
48×0.75	1/0.97	0.6	0.1	1.7	21.9	770
52×0.75	1/0.97	0.6	0.1	1.7	22.4	818
61×0.75	1/0.97	0.6	0.1	1.7	23.8	937
2×0.75	7/0.37	0.6	0.10	1.2	7.8	89
3×0.75	7/0.37	0.6	0.10	1.2	8.2	99
4×0.75	7/0.37	0.6	0.10	1.2	8.8	118
5×0.75	7/0.37	0.6	0.10	1.2	9.4	138
6×0.75	7/0.37	0.6	0.10	1.2	10.1	160
7×0.75	7/0.37	0.6	0.10	1.2	10.1	166
8×0.75	7/0.37	0.6	0.10	1.5	11.4	200
10×0.75	7/0.37	0.6	0.10	1.5	13.0	248
12×0.75	7/0.37	0.6	0.10	1.5	13.4	270
14×0.75	7/0.37	0.6	0.10	1.5	14.0	300
16×0.75	7/0.37	0.6	0.10	1.5	14.7	334
19×0.75	7/0.37	0.6	0.10	1.5	15.4	374
24×0.75	7/0.37	0.6	0.10	1.5	17.6	463
27×0.75	7/0.37	0.6	0.10	1.7	18.4	515
30×0.75	7/0.37	0.6	0.10	1.7	19.0	557
37×0.75	7/0.37	0.6	0.10	1.7	20.4	656
44×0.75	7/0.37	0.6	0.10	1.7	22.7	771
48×0.75	7/0.37	0.6	0.10	1.7	23.0	817
52×0.75	7/0.37	0.6	0.10	1.7	23.6	871
61×0.75	7/0.37	0.6	0.10	1.7	25.0	993

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	KVVP		Approx. Overall Dia.	Approx. Weight
			Dia. of braided copper wire	Sheath Thickness		
mm ²	No./mm	mm	mm	mm	mm	kg/km
2×0.75	1/0.97	0.6	0.15	1.2	7.7	87
3×0.75	1/0.97	0.6	0.15	1.2	8.1	97
4×0.75	1/0.97	0.6	0.15	1.2	8.7	114
5×0.75	1/0.97	0.6	0.15	1.2	9.3	136
6×0.75	1/0.97	0.6	0.15	1.2	9.9	155
7×0.75	1/0.97	0.6	0.15	1.2	9.9	160
8×0.75	1/0.97	0.6	0.15	1.2	10.6	178
10×0.75	1/0.97	0.6	0.20	1.5	12.9	252
12×0.75	1/0.97	0.6	0.20	1.5	13.2	274
14×0.75	1/0.97	0.6	0.20	1.5	13.8	303
16×0.75	1/0.97	0.6	0.20	1.5	14.4	336
19×0.75	1/0.97	0.6	0.20	1.5	15.1	375
24×0.75	1/0.97	0.6	0.20	1.5	17.2	462
27×0.75	1/0.97	0.6	0.20	1.5	17.5	496
30×0.75	1/0.97	0.6	0.20	1.7	18.5	554
37×0.75	1/0.97	0.6	0.20	1.7	19.8	650
44×0.75	1/0.97	0.6	0.25	1.7	22.2	787
48×0.75	1/0.97	0.6	0.25	1.7	22.5	831
52×0.75	1/0.97	0.6	0.25	1.7	23.0	881
61×0.75	1/0.97	0.6	0.25	1.7	24.4	1005
2×0.75	7/0.37	0.6	0.15	1.2	8.0	92
3×0.75	7/0.37	0.6	0.15	1.2	8.4	102
4×0.75	7/0.37	0.6	0.15	1.2	9.0	120
5×0.75	7/0.37	0.6	0.15	1.2	9.6	141
6×0.75	7/0.37	0.6	0.15	1.2	10.3	163
7×0.75	7/0.37	0.6	0.15	1.2	10.3	169
8×0.75	7/0.37	0.6	0.15	1.2	11.0	187
10×0.75	7/0.37	0.6	0.20	1.5	13.4	265
12×0.75	7/0.37	0.6	0.20	1.5	13.8	288
14×0.75	7/0.37	0.6	0.20	1.5	14.4	319
16×0.75	7/0.37	0.6	0.20	1.5	15.1	353
19×0.75	7/0.37	0.6	0.20	1.5	15.8	395
24×0.75	7/0.37	0.6	0.20	1.5	18.1	488
27×0.75	7/0.37	0.6	0.20	1.5	18.4	522
30×0.75	7/0.37	0.6	0.20	1.7	19.4	583
37×0.75	7/0.37	0.6	0.20	1.7	20.8	683
44×0.75	7/0.37	0.6	0.25	1.7	23.3	828
48×0.75	7/0.37	0.6	0.25	1.7	23.6	875
52×0.75	7/0.37	0.6	0.25	1.7	24.2	930
61×0.75	7/0.37	0.6	0.25	1.7	25.6	1055

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Dia. of Braided Copper Wire	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	kg/km
2×1	1/1.13	0.6	0.15	1.2	8.0	96
3×1	1/1.13	0.6	0.15	1.2	8.4	108
4×1	1/1.13	0.6	0.15	1.2	9.1	129
5×1	1/1.13	0.6	0.15	1.2	9.8	154
6×1	1/1.13	0.6	0.15	1.2	10.4	178
7×1	1/1.13	0.6	0.15	1.2	10.4	184
8×1	1/1.13	0.6	0.15	1.5	11.7	221
10×1	1/1.13	0.6	0.20	1.5	13.5	288
12×1	1/1.13	0.6	0.20	1.5	13.9	315
14×1	1/1.13	0.6	0.20	1.5	14.5	350
16×1	1/1.13	0.6	0.20	1.5	15.2	390
19×1	1/1.13	0.6	0.20	1.5	15.9	438
24×1	1/1.13	0.6	0.20	1.7	18.6	580
27×1	1/1.13	0.6	0.20	1.7	19.0	601
30×1	1/1.13	0.6	0.20	1.7	19.6	651
37×1	1/1.13	0.6	0.20	1.7	20.9	768
44×1	1/1.13	0.6	0.25	1.7	23.5	929
48×1	1/1.13	0.6	0.25	1.7	23.8	985
52×1	1/1.13	0.6	0.25	1.7	24.4	1050
61×1	1/1.13	0.6	0.25	1.7	25.8	1196
2×1	7/0.43	0.6	0.15	1.2	8.4	101
3×1	7/0.43	0.6	0.15	1.2	8.8	113
4×1	7/0.43	0.6	0.15	1.2	9.4	134
5×1	7/0.43	0.6	0.15	1.2	10.1	158
6×1	7/0.43	0.6	0.15	1.2	10.9	184
7×1	7/0.43	0.6	0.15	1.2	10.9	192
8×1	7/0.43	0.6	0.15	1.5	12.2	230
10×1	7/0.43	0.6	0.20	1.5	14.4	301
12×1	7/0.43	0.6	0.20	1.5	14.5	328
14×1	7/0.43	0.6	0.20	1.5	15.2	365
16×1	7/0.43	0.6	0.20	1.5	15.9	406
19×1	7/0.43	0.6	0.20	1.5	16.6	456
24×1	7/0.43	0.6	0.20	1.7	19.5	584
27×1	7/0.43	0.6	0.20	1.7	19.9	628
30×1	7/0.43	0.6	0.20	1.7	20.5	678
37×1	7/0.43	0.6	0.20	1.7	22	799
44×1	7/0.43	0.6	0.25	1.7	24.7	968
48×1	7/0.43	0.6	0.25	1.7	25.1	1025
52×1	7/0.43	0.6	0.25	1.7	25.7	1092
61×1	7/0.43	0.6	0.25	1.7	27.2	1243

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Dia. of Braided Copper Wire	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	kg/km
2x1.5	1/1.38	0.7	0.15	1.2	90.5	121
3x1.5	1/1.38	0.7	0.15	1.2	9.5	145
4x1.5	1/1.38	0.7	0.15	1.2	10.1	171
5x1.5	1/1.38	0.7	0.15	1.2	10.9	197
6x1.5	1/1.38	0.7	0.15	1.2	12.3	248
7x1.5	1/1.38	0.7	0.15	1.2	12.3	259
8x1.5	1/1.38	0.7	0.15	1.5	13.4	303
10x1.5	1/1.38	0.7	0.20	1.5	15.3	377
12x1.5	1/1.38	0.7	0.20	1.5	15.7	415
14x1.5	1/1.38	0.7	0.20	1.5	16.4	461
16x1.5	1/1.38	0.7	0.20	1.5	17.2	519
19x1.5	1/1.38	0.7	0.20	1.5	18.5	604
24x1.5	1/1.38	0.7	0.20	1.7	21.3	751
27x1.5	1/1.38	0.7	0.20	1.7	21.7	811
30x1.5	1/1.38	0.7	0.20	1.7	22.6	907
37x1.5	1/1.38	0.7	0.20	1.7	24.3	1073
44x1.5	1/1.38	0.7	0.25	1.7	27.0	1265
48x1.5	1/1.38	0.7	0.25	1.7	27.5	1344
52x1.5	1/1.38	0.7	0.25	2.0	28.8	1478
61x1.5	1/1.38	0.7	0.25	2.0	30.4	1686
2x1.5	7/0.52	0.7	0.15	1.2	9.3	126
3x1.5	7/0.52	0.7	0.15	1.2	9.8	150
4x1.5	7/0.52	0.7	0.15	1.2	10.5	178
5x1.5	7/0.52	0.7	0.15	1.2	11.4	204
6x1.5	7/0.52	0.7	0.15	1.5	12.9	258
7x1.5	7/0.52	0.7	0.15	1.5	12.9	269
8x1.5	7/0.52	0.7	0.20	1.5	14.0	315
10x1.5	7/0.52	0.7	0.20	1.5	16.0	392
12x1.5	7/0.52	0.7	0.20	1.5	16.5	431
14x1.5	7/0.52	0.7	0.20	1.5	17.3	483
16x1.5	7/0.52	0.7	0.20	1.5	18.1	538
19x1.5	7/0.52	0.7	0.20	1.7	19.4	627
24x1.5	7/0.52	0.7	0.20	1.7	22.4	781
27x1.5	7/0.52	0.7	0.20	1.7	22.8	841
30x1.5	7/0.52	0.7	0.25	1.7	23.8	941
37x1.5	7/0.52	0.7	0.25	1.7	25.5	1112
44x1.5	7/0.52	0.7	0.25	1.7	28.5	1312
48x1.5	7/0.52	0.7	0.25	1.7	28.9	1393
52x1.5	7/0.52	0.7	0.25	2.0	30.3	1530
61x1.5	7/0.52	0.7	0.25	2.0	32.0	1746

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Dia. of Braided Copper Wire	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	kg/km
2×2.5	1/1.79	0.8	0.15	1.2	10.3	168
3×2.5	1/1.79	0.8	0.15	1.2	10.8	204
4×2.5	1/1.79	0.8	0.20	1.5	12.5	278
5×2.5	1/1.79	0.8	0.20	1.5	13.5	322
6×2.5	1/1.79	0.8	0.20	1.5	14.6	375
7×2.5	1/1.79	0.8	0.20	1.5	14.6	394
8×2.5	1/1.79	0.8	0.20	1.5	15.6	440
10×2.5	1/1.79	0.8	0.20	1.5	18.0	551
12×2.5	1/1.79	0.8	0.20	1.7	18.9	628
14×2.5	1/1.79	0.8	0.20	1.7	19.8	706
16×2.5	1/1.79	0.8	0.20	1.7	20.8	792
19×2.5	1/1.79	0.8	0.20	1.7	21.9	897
24×2.5	1/1.79	0.8	0.20	1.7	25.3	1121
27×2.5	1/1.79	0.8	0.20	1.7	25.9	1215
30×2.5	1/1.79	0.8	0.20	1.7	26.8	1325
37×2.5	1/1.79	0.8	0.20	2.0	29.4	1622
44×2.5	1/1.79	0.8	0.20	2.0	32.8	1912
48×2.5	1/1.79	0.8	0.20	2.0	33.4	2040
52×2.5	1/1.79	0.8	0.20	2.2	34.7	2217
61×2.5	1/1.79	0.8	0.20	2.2	36.7	2542
2×2.5	7/0.68	0.8	0.15	1.2	10.7	176
3×2.5	7/0.68	0.8	0.15	1.2	11.2	214
4×2.5	7/0.68	0.8	0.20	1.5	13.0	291
5×2.5	7/0.68	0.8	0.20	1.5	14.0	332
6×2.5	7/0.68	0.8	0.20	1.5	15.1	393
7×2.5	7/0.68	0.8	0.20	1.5	15.1	411
8×2.5	7/0.68	0.8	0.20	1.5	16.2	460
10×2.5	7/0.68	0.8	0.20	1.5	18.8	576
12×2.5	7/0.68	0.8	0.20	1.7	19.7	656
14×2.5	7/0.68	0.8	0.20	1.7	20.7	738
16×2.5	7/0.68	0.8	0.20	1.7	21.7	823
19×2.5	7/0.68	0.8	0.20	1.7	22.8	938
24×2.5	7/0.68	0.8	0.20	1.7	26.4	1173
27×2.5	7/0.68	0.8	0.20	1.7	27.0	1269
30×2.5	7/0.68	0.8	0.20	1.7	27.9	1384
37×2.5	7/0.68	0.8	0.20	2.0	30.7	1694
44×2.5	7/0.68	0.8	0.20	2.0	34.3	1999
48×2.5	7/0.68	0.8	0.20	2.0	34.9	2132
52×2.5	7/0.68	0.8	0.20	2.2	36.2	2316
61×2.5	7/0.68	0.8	0.20	2.2	38.4	2656

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Dia. of Braided Copper Wire	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	kg/km
2×4	1/2.25	0.8	0.2	1.5	8.9	233
3×4	1/2.25	0.8	0.2	1.5	9.49	285
4×4	1/2.25	0.8	0.2	1.5	10.49	344
5×4	1/2.25	0.8	0.2	1.5	11.6	403
6×4	1/2.25	0.8	0.2	1.5	12.75	474
7×4	1/2.25	0.8	0.2	1.5	12.75	504
8×4	1/2.25	0.8	0.2	1.7	13.91	582
10×4	1/2.25	0.8	0.2	1.7	16.6	729
12×4	1/2.25	0.8	0.2	1.7	17.19	817
14×4	1/2.25	0.8	0.2	1.7	18.19	925
2×4	7/0.85	0.8	0.2	1.5	12.5	254
3×4	7/0.85	0.8	0.2	1.5	13.1	309
4×4	7/0.85	0.8	0.2	1.5	14.2	371
5×4	7/0.85	0.8	0.2	1.5	15.4	426
6×4	7/0.85	0.8	0.2	1.5	16.6	509
7×4	7/0.85	0.8	0.2	1.5	16.6	538
8×4	7/0.85	0.8	0.2	1.7	18.3	621
10×4	7/0.85	0.8	0.2	1.7	21.2	779
12×4	7/0.85	0.8	0.2	1.7	21.8	869
14×4	7/0.85	0.8	0.2	1.7	22.9	982
2×6	1/2.76	0.8	0.2	1.5	12.9	299
3×6	1/2.76	0.8	0.2	1.5	13.6	372
4×6	1/2.76	0.8	0.2	1.5	14.7	454
5×6	1/2.76	0.8	0.2	1.5	16.0	534
6×6	1/2.76	0.8	0.2	1.5	17.3	631
7×6	1/2.76	0.8	0.2	1.5	17.3	676
8×6	1/2.76	0.8	0.2	1.7	19.0	779
10×6	1/2.76	0.8	0.2	1.7	22.1	978
12×6	1/2.76	0.8	0.2	1.7	22.7	1103
14×6	1/2.76	0.8	0.2	1.7	23.9	1255
2×6	7/1.04	0.8	0.2	1.5	13.6	315
3×6	7/1.04	0.8	0.2	1.5	14.4	390
4×6	7/1.04	0.8	0.2	1.5	15.6	475
5×6	7/1.04	0.8	0.2	1.5	16.9	548
6×6	7/1.04	0.8	0.2	1.5	18.3	659
7×6	7/1.04	0.8	0.2	1.5	18.3	703
8×6	7/1.04	0.8	0.2	1.7	20.2	810
10×6	7/1.04	0.8	0.2	1.7	23.5	1019
12×6	7/1.04	0.8	0.2	1.7	24.2	1145
14×6	7/1.04	0.8	0.2	1.7	25.4	1301

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Dia. of Braided Copper Wire	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	kg/km
2×10	7/1.35	1.0	0.2	1.5	16.3	458
3×10	7/1.35	1.0	0.2	1.5	17.2	577
4×10	7/1.35	1.0	0.2	1.7	19.2	729
5×10	7/1.35	1.0	0.2	1.7	20.9	860
10×10	7/1.35	1.0	0.2	1.7	22.8	1022
7×10	7/1.35	1.0	0.2	1.7	22.8	1096
8×10	7/1.35	1.0	0.2	1.7	24.6	1237



KVVR											
Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Sheath Thickness	Approx. Overall Dia.	Approx. Weight	Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	kg/km	mm ²	No./mm	mm	mm	mm	kg/km
2×0.75	24/0.20	0.6	1.2	7.11	63	2×1	32/0.20	0.6	1.2	7.48	72
3×0.75	24/0.20	0.6	1.2	7.49	72	3×1	32/0.20	0.6	1.2	7.89	83
4×0.75	24/0.20	0.6	1.2	8.14	88	4×1	32/0.20	0.6	1.2	8.59	103
5×0.75	24/0.20	0.6	1.2	8.78	106	5×1	32/0.20	0.6	1.2	9.35	125
6×0.75	24/0.20	0.6	1.2	9.48	126	6×1	32/0.20	0.6	1.2	10.00	147
7×0.75	24/0.20	0.6	1.2	9.48	131	7×1	32/0.20	0.6	1.2	10.00	154
8×0.75	24/0.20	0.6	1.2	10.17	147	8×1	32/0.20	0.6	1.2	10.75	173
10×0.75	24/0.20	0.6	1.2	11.80	186	10×1	32/0.20	0.6	1.5	13.11	237
12×0.75	24/0.20	0.6	1.5	12.76	224	12×1	32/0.20	0.6	1.5	13.49	263
14×0.75	24/0.20	0.6	1.5	13.36	252	14×1	32/0.20	0.6	1.5	14.14	297
16×0.75	24/0.20	0.6	1.5	14.03	283	16×1	32/0.20	0.6	1.5	14.86	335
19×0.75	24/0.20	0.6	1.5	14.73	321	19×1	32/0.20	0.6	1.5	15.61	381
24×0.75	24/0.20	0.6	1.5	17.05	403	24×1	32/0.20	0.6	1.5	18.11	479
27×0.75	24/0.20	0.6	1.5	17.40	435	27×1	32/0.20	0.6	1.5	18.49	520
30×0.75	24/0.20	0.6	1.5	18.05	477	30×1	32/0.20	0.6	1.7	19.54	587
37×0.75	24/0.20	0.6	1.7	19.78	587	37×1	32/0.20	0.6	1.7	21.01	701
44×0.75	24/0.20	0.6	1.7	22.10	695	44×1	32/0.20	0.6	1.7	23.51	831
48×0.75	24/0.20	0.6	1.7	22.46	739	48×1	32/0.20	0.6	1.7	23.90	886
52×0.75	24/0.20	0.6	1.7	23.07	792	52×1	32/0.20	0.6	1.7	24.55	950
61×0.75	24/0.20	0.6	1.7	24.43	910	61×1	32/0.20	0.6	1.7	26.01	1094
2×1.5	30/0.25	0.7	1.2	8.47	94	2×2.5	50/0.25	0.8	1.2	9.77	130
3×1.5	30/0.25	0.7	1.2	8.95	117	3×2.5	50/0.25	0.8	1.2	10.33	165
4×1.5	30/0.25	0.7	1.2	9.77	143	4×2.5	50/0.25	0.8	1.2	11.28	203
5×1.5	30/0.25	0.7	1.2	10.53	163	5×2.5	50/0.25	0.8	1.5	12.92	253
6×1.5	30/0.25	0.7	1.2	11.42	197	6×2.5	50/0.25	0.8	1.5	14.01	306
7×1.5	30/0.25	0.7	1.2	11.42	208	7×2.5	50/0.25	0.8	1.5	14.01	325
8×1.5	30/0.25	0.7	1.5	12.92	252	8×2.5	50/0.25	0.8	1.5	15.10	366
10×1.5	30/0.25	0.7	1.5	15.00	318	10×2.5	50/0.25	0.8	1.5	17.64	465
12×1.5	30/0.25	0.7	1.5	15.46	355	12×2.5	50/0.25	0.8	1.5	18.20	522
14×1.5	30/0.25	0.7	1.5	16.23	403	14×2.5	50/0.25	0.8	1.5	19.15	596
16×1.5	30/0.25	0.7	1.5	17.08	454	16×2.5	50/0.25	0.8	1.7	20.59	692
19×1.5	30/0.25	0.7	1.5	17.97	521	19×2.5	50/0.25	0.8	1.7	21.68	798
24×1.5	30/0.25	0.7	1.7	21.35	677	24×2.5	50/0.25	0.8	1.7	25.32	1008
27×1.5	30/0.25	0.7	1.7	21.81	735	27×2.5	50/0.25	0.8	1.7	25.88	1099
30×1.5	30/0.25	0.7	1.7	22.58	805	30×2.5	50/0.25	0.8	1.7	26.82	1207
37×1.5	30/0.25	0.7	1.7	24.32	967	37×2.5	50/0.25	0.8	1.7	28.95	1458
44×1.5	30/0.25	0.7	1.7	27.30	1148	44×2.5	50/0.25	0.8	2.0	33.19	1782
48×1.5	30/0.25	0.7	1.7	27.75	1227	48×2.5	50/0.25	0.8	2.0	33.75	1907
52×1.5	30/0.25	0.7	1.7	28.53	1318	52×2.5	50/0.25	0.8	2.0	34.69	2049
61×1.5	30/0.25	0.7	2.0	30.87	1565	61×2.5	50/0.25	0.8	2.2	37.23	2405

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	KVVRP				Approx. Overall Dia.	Approx. Weight
			Dia. of Braided Copper Wire	Sheath Thickness				
mm ²	No./mm	mm	mm	mm			mm	kg/km
2×0.75	24/0.20	0.6	0.15	1.2			8.0	92
3×0.75	24/0.20	0.6	0.15	1.2			8.4	103
4×0.75	24/0.20	0.6	0.15	1.2			9.0	121
5×0.75	24/0.20	0.6	0.15	1.2			9.7	143
6×0.75	24/0.20	0.6	0.15	1.2			10.4	165
7×0.75	24/0.20	0.6	0.15	1.2			10.4	171
8×0.75	24/0.20	0.6	0.15	1.2			11.1	190
10×0.75	24/0.20	0.6	0.20	1.5			13.5	269
12×0.75	24/0.20	0.6	0.20	1.5			13.9	291
14×0.75	24/0.20	0.6	0.20	1.5			14.5	323
16×0.75	24/0.20	0.6	0.20	1.5			15.1	358
19×0.75	24/0.20	0.6	0.20	1.5			15.8	400
24×0.75	24/0.20	0.6	0.20	1.5			18.2	495
27×0.75	24/0.20	0.6	0.20	1.5			18.5	530
30×0.75	24/0.20	0.6	0.20	1.7			19.5	592
37×0.75	24/0.20	0.6	0.20	1.7			20.9	694
44×0.75	24/0.20	0.6	0.25	1.7			23.4	841
48×0.75	24/0.20	0.6	0.25	1.7			23.8	888
52×0.75	24/0.20	0.6	0.25	1.7			24.3	941
61×0.75	24/0.20	0.6	0.25	1.7			25.8	1074
2×1	32/0.2	0.6	0.15	1.2			8.4	103
3×1	32/0.2	0.6	0.15	1.2			8.8	115
4×1	32/0.2	0.6	0.15	1.2			9.5	138
5×1	32/0.2	0.6	0.15	1.2			10.2	162
6×1	32/0.2	0.6	0.15	1.2			10.9	188
7×1	32/0.2	0.6	0.15	1.2			10.9	196
8×1	32/0.2	0.6	0.15	1.2			11.7	218
10×1	32/0.2	0.6	0.2	1.2			13.6	287
12×1	32/0.2	0.6	0.2	1.5			14.6	335
14×1	32/0.2	0.6	0.2	1.5			15.2	373
16×1	32/0.2	0.6	0.2	1.5			16.0	414
19×1	32/0.2	0.6	0.2	1.5			16.7	465
24×1	32/0.2	0.6	0.2	1.7			19.6	596
27×1	32/0.2	0.6	0.2	1.7			20.0	639
30×1	32/0.2	0.6	0.2	1.7			20.6	692
37×1	32/0.2	0.6	0.2	1.7			22.1	815
44×1	32/0.2	0.6	0.25	1.7			24.8	987
48×1	32/0.2	0.6	0.25	1.7			25.2	1045
52×1	32/0.2	0.6	0.25	1.7			25.8	1114
61×1	32/0.2	0.6	0.25	1.7			27.3	1268

Nominal Cross Section Area	Conductor Structure	Insulation Thickness	Dia. of Braided Copper Wire	Sheath Thickness	Approx. Overall Dia.	Approx. Weight
mm ²	No./mm	mm	mm	mm	mm	kg/km
2x1.5	30/0.25	0.7	0.15	1.2	9.37	129
3x1.5	30/0.25	0.7	0.15	1.2	9.85	154
4x1.5	30/0.25	0.7	0.15	1.2	10.67	183
5x1.5	30/0.25	0.7	0.15	1.2	11.43	207
6x1.5	30/0.25	0.7	0.15	1.2	12.32	245
7x1.5	30/0.25	0.7	0.15	1.5	12.92	274
8x1.5	30/0.25	0.7	0.20	1.5	14.02	320
10x1.5	30/0.25	0.7	0.20	1.5	16.10	399
12x1.5	30/0.25	0.7	0.20	1.5	16.56	438
14x1.5	30/0.25	0.7	0.20	1.5	17.33	490
16x1.5	30/0.25	0.7	0.20	1.5	18.18	546
19x1.5	30/0.25	0.7	0.20	1.7	19.47	637
24x1.5	30/0.25	0.7	0.20	1.7	22.45	793
27x1.5	30/0.25	0.7	0.20	1.7	22.91	853
30x1.5	30/0.25	0.7	0.25	1.7	23.88	954
37x1.5	30/0.25	0.7	0.25	1.7	25.62	1129
44x1.5	30/0.25	0.7	0.25	1.7	28.60	1331
48x1.5	30/0.25	0.7	0.25	1.7	29.05	1413
52x1.5	30/0.25	0.7	0.25	1.7	29.83	1509
61x1.5	30/0.25	0.7	0.25	1.7	31.57	1726
2x2.5	50/0.25	3.64	0.20	1.5	11.5	198
3x2.5	50/0.25	3.64	0.20	1.5	12.0	236
4x2.5	50/0.25	3.64	0.20	1.5	13.0	281
5x2.5	50/0.25	3.64	0.20	1.5	14.0	321
6x2.5	50/0.25	3.64	0.20	1.5	15.1	381
7x2.5	50/0.25	3.64	0.20	1.5	15.1	399
8x2.5	50/0.25	3.64	0.20	1.5	16.2	447
10x2.5	50/0.25	3.64	0.20	1.5	18.7	560
12x2.5	50/0.25	3.64	0.20	1.7	19.7	639
14x2.5	50/0.25	3.64	0.20	1.7	20.6	719
16x2.5	50/0.25	3.64	0.20	1.7	21.7	803
19x2.5	50/0.25	3.64	0.20	1.7	22.8	916
24x2.5	50/0.25	3.64	0.25	1.7	26.6	1177
27x2.5	50/0.25	3.64	0.25	1.7	27.2	1272
30x2.5	50/0.25	3.64	0.25	1.7	28.1	1387
37x2.5	50/0.25	3.64	0.25	2.0	30.9	1696
44x2.5	50/0.25	3.64	0.30	2.0	34.7	2043
48x2.5	50/0.25	3.64	0.30	2.0	35.2	2173
52x2.5	50/0.25	3.64	0.30	2.0	36.6	2357
61x2.5	50/0.25	3.64	0.30	2.0	38.7	2698