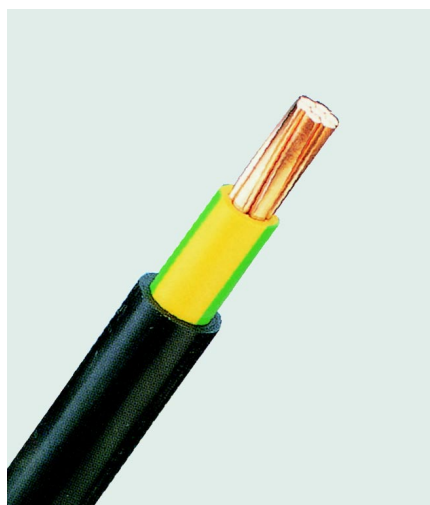


NYY (E-YY)

PVC Insulated Single Core Cable

according to DIN VDE 0276-603 / ÖVE K603



Construction

Round conductor of solid or stranded copper wires, PVC insulation, black PVC outer sheath with normalised marking and meter marking.

Application

This power cable is suitable for fixed installations, preferably in cable ducts, indoors, outdoors, in water or underground if no mechanical damage is to be expected.

Temperature range

- 5°C till + 70°C

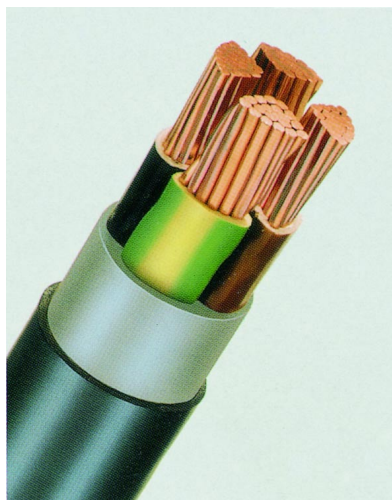
Number of cores and nominal cross section	Price	Copper figure	Overall diameter		Weight	Current carrying *	
			min. value	max. value		capacity ground	air
mm²	EUR / km	kg / km	ca. mm		ca. kg / km	A	
NYY-J 0,6/1 KV							
1 x 16 RE	1.392,45	160	11	13	250	107	89
1 x 25 RM	2.130,78	250	12	15	360	137	118
1 x 35 RM	2.904,60	350	13	16	460	165	145
1 x 50 RM	3.706,50	500	15	18	600	195	176
1 x 70 RM	5.054,78	700	16	19	810	239	224
1 x 95 RM	6.918,94	950	18	21	1080	287	271
1 x 120 RM	8.244,12	1200	20	23	1330	326	314
1 x 150 RM	9.981,66	1500	22	26	1620	366	361
1 x 185 RM	12.677,86	1850	24	28	1980	414	412
1 x 240 RM	16.553,72	2400	27	31	2560	481	484
NYY-O 0,6/1 KV							
1 x 16 RE	1.390,50	160	11	13	250	107	89
1 x 25 RM	1.957,00	250	12	15	360	137	118
1 x 35 RM	2.575,00	350	13	16	460	165	145
1 x 50 RM	3.326,90	500	15	18	600	195	176
1 x 70 RM	4.562,90	700	16	19	810	239	224
1 x 95 RM	6.210,90	950	18	21	1080	287	271
1 x 120 RM	7.467,50	1200	20	23	1330	326	314
1 x 150 RM	8.961,00	1500	22	26	1620	366	361
1 x 185 RM	11.381,50	1850	24	28	1980	414	412
1 x 240 RM	14.574,50	2400	27	31	2560	481	484
1 x 300 RM	18.849,00	3000	29	33	3180	542	549
1 x 400 RM	23.225,70	4000	33	38	4030	624	657
1 x 500 RM	29.410,70	5000	37	42	5120	689	749
1 x 630 RM	35.191,60	6300	41	45	6770	782	851

* trefoil touching arrangement

NY Y (E-YY)

PVC Insulated Multicore Cable

according to DIN VDE 0276-603 / ÖVE K603



Construction

Round or sector-shaped conductor of solid or stranded copper wires, PVC insulation, common core covering or taping, black PVC outer sheath with normalised marking and meter marking.

Application

This power cable is suitable for fixed installations, preferably in cable ducts, indoors, outdoors, in water or underground if no mechanical damage is to be expected.

Temperature range

- 5°C till + 70°C

Number of cores and nominal cross section	Price		Copper figure	Overall diameter		Weight	Current carrying	
	mm ²	EUR / km		min. value	max. value		ground	air
			kg / km	ca. mm		kg / km	A	
NY Y 0,6/1 KV		J**	O					
2 x 1,5 RE		793,10	30	11	13	190	32	20
2 x 2,5 RE		978,50	50	12	14	230	42	27
2 x 4 RE		1.637,7	80	13	15	310	54	37
2 x 6 RE		1.730,40	120	14	16	380	68	48
2 x 10 RE		2.472,00	200	16	18	510	80	66
2 x 16 RM		4.437,00	320	18	20	705	101	78
3 x 1,5 RE		927,00	45	11	14	210	26	18
3 x 2,5 RE		1.236,00	75	12	15	260	34	25
3 x 4 RE		1.812,80	120	14	17	360	44	34
3 x 6 RE		2.255,70	180	15	18	450	56	43
3 x 10 RE		3.296,00	300	17	20	610	75	60
3 x 10 RM		3.951,70	300	17	20	610	75	60
3 x 16 RE		4.789,50	480	19	22	840	98	80
3 x 16 RM		4.995,50	480	19	22	840	98	80
3 x 25 RM		7.261,50	750	23	30	1350	128	106
3 x 35 SM		8.394,50	1050	23	30	1460	157	131
3 x 50 SM		10.918,00	1500	26	33	2010	185	159
3 x 70 SM		15.347,00	2100	28	35	2620	228	202
3 x 95 SM		20.497,00	2850	32	40	3560	275	244
3 x 120 SM		25.441,00	3600	36	43	4310	313	282
3 x 150 SM		30.591,00	4500	40	47	5310	353	324
3 x 185 SM		38.419,00	5550	45	52	6630	399	371
3 x 240 SM		50.367,00	7200	50	57	8480	464	436
3 x 25 RM/16 RE		8343,00	910	24	30	1420	128	106
3 x 35 SM/16 RE		10.197,00	1210	24	31	1690	157	131
3 x 50 SM/25 RM		12.875,00	1750	28	35	2260	185	159
3 x 70 SM/35 SM		17.407,00	2450	31	38	2940	228	202
3 x 95 SM/50 SM		22.969,00	3350	37	44	3960	275	244
3 x 120 SM/70 SM		29.355,00	4300	40	48	4900	313	282
3 x 150 SM/70 SM		34.711,00	5200	44	52	5870	353	324
3 x 185 SM/95 SM		44.805,00	6500	49	57	7340	399	371
3 x 240 SM/120 SM		56.135,00	8400	56	64	9440	464	436
3 x 300 SM/150 SM		81.762,00	10500	63	71	11900	524	481

Number of cores and nominal cross section		Price		Copper figure	Overall diameter		Weight	Current carrying	
mm ²		EUR / km		kg / km	min. value	max. value	ca. kg / km	ground	air
					ca. mm			A	
NY	0,6/1 KV	J**	O						
4 x	1,5 RE	1.112,40	1.112,40	60	12	16	250	26	18
4 x	2,5 RE	1.503,80	1.503,80	100	13	17	310	34	25
4 x	4 RE	2.132,10	2.132,10	160	15	19	430	44	34
4 x	6 RE	2.636,80	2.636,80	240	16	20	540	56	43
4 x	10 RE	3.718,30	3.718,30	400	18	22	740	75	60
4 x	10 RM	4.346,60	4.346,60	400	18	22	740	75	60
4 x	16 RE	5.562,00	5.562,00	640	21	25	1030	98	80
4 x	16 RM	6.107,90	6.107,90	640	21	25	1030	98	80
4 x	25 RM	8.755,00	8.755,00	1000	25	32	1540	128	106
4 x	35 SM	11.536,00	11.536,00	1400	25	32	1800	157	131
4 x	50 SM	13.699,00	13.699,00	2000	29	36	2400	185	159
4 x	70 SM	19.261,00	19.261,00	2800	33	40	3310	228	202
4 x	95 SM	26.368,00	26.368,00	3800	38	45	4450	275	244
4 x	120 SM	32.445,00	32.445,00	4800	41	49	5450	313	282
4 x	150 SM	38.934,00	38.934,00	6000	46	54	6700	353	324
4 x	185 SM	48.410,00	48.410,00	7400	51	59	8300	399	371
4 x	240 SM	63.757,00	63.757,00	9600	58	66	10900	464	436
5 x	1,5 RE	1.339,00	1.339,00	75	13	16	280	*	*
5 x	2,5 RE	1.802,50		125	14	17	350	*	*
5 x	4 RE	2.585,30		200	16	19	500	*	*
5 x	6 RE	3.172,40		300	18	21	630	*	*
5 x	10 RE	4.738,00		500	20	23	880	*	*
5 x	10 RM	4.923,40		500	20	23	880	*	*
5 x	16 RE	6.901,00		800	22	25	1260	*	*
5 x	16 RM	7.601,40		800	22	25	1260	*	*
5 x	25 RM	12.051,00		1250	27	33	1890	*	*
5 x	35 RM	15.553,00		1750	30	36	2800	*	*
5 x	50 RM	20.806,00		2500	34	40	3560	*	*
5 x	70 RM	29.870,00		3500	41	47	4810	*	*
5 x	95 RM	40.479,00		4750	46	52	5385	*	*
5 x	120 RM	47.895,00		6000	51	57	6780	*	*

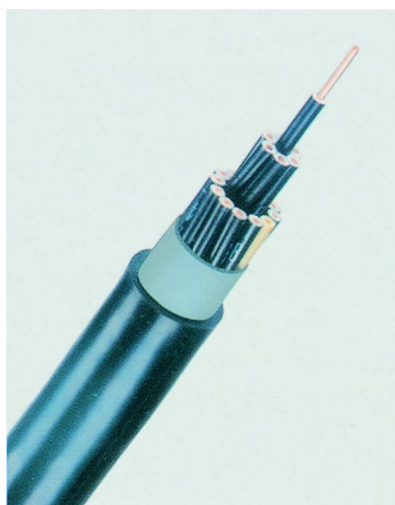
* The current carrying capacity of the cables depends on the number of cores loaded (see DIN VDE 0276-627).

** new colour coding see technical part page 170

NY Y (E-YY)

PVC Insulated Control Cable

according to DIN VDE 0276-627 / ÖVE K23



Construction

Round or sector-shaped conductor of solid or stranded copper wires, PVC insulation, common core covering or taping, black PVC outer sheath with normalised marking and meter marking.

Application

This power cable is suitable for fixed installations, preferably in cable ducts, indoors, outdoors, in water or underground if no mechanical damage is to be expected.

Temperature range

- 5°C till + 70°C

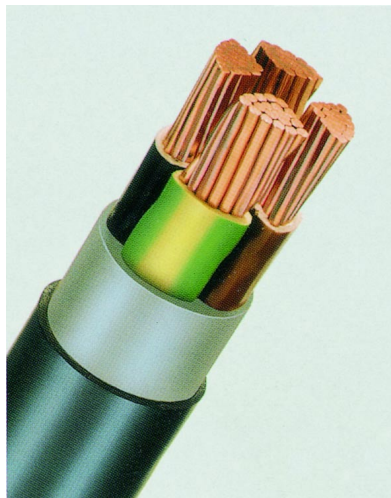
Number of cores and nominal cross section			Price	Copper figure	Overall diameter		Weight	Current carrying *		
					min. value	max. value		capacity		
mm²			EUR / km	kg / km		ca. mm	ca. kg / km	ground	air	
									A	
NY Y 0,6/1 KV			J	O						
7 x 1,5 RE			1.606,80	1.606,80	105	14	17	340	*	*
10 x 1,5 RE			2.420,50	2.420,50	150	17	21	460	*	*
12 x 1,5 RE			2.678,00	2.678,00	180	17	21	510	*	*
14 x 1,5 RE			2.987,00	2.987,00	210	18	22	560	*	*
16 x 1,5 RE			3.450,50	3.450,50	240	18	22	600	*	*
19 x 1,5 RE			3.862,50	3.862,50	285	20	25	690	*	*
21 x 1,5 RE			4.421,00		315	20	25	700	*	*
24 x 1,5 RE			5.047,00	5.047,00	360	23	28	860	*	*
30 x 1,5 RE			6.180,00		450	24	29	1000	*	*
40 x 1,5 RE			8.335,00		600	27	33	1260	*	*
52 x 1,5 RE			10.892,00		780	30	36	1450	*	*
61 x 1,5 RE			12.051,00		915	32	38	1680	*	*
7 x 2,5 RE			2.678,00	2.678,00	175	15	18	430	*	*
10 x 2,5 RE			3.914,00	3.914,00	250	18	22	590	*	*
12 x 2,5 RE			4.635,00	4.635,00	300	19	23	650	*	*
14 x 2,5 RE			5.253,00	5.253,00	350	20	24	730	*	*
16 x 2,5 RE			5.974,00	5.974,00	400	21	25	750	*	*
19 x 2,5 RE			6.798,00	6.798,00	475	22	26	800	*	*
21 x 2,5 RE			7.804,00		525	23	27	900	*	*
24 x 2,5 RE			8.137,00	8.137,00	600	25	30	1140	*	*
30 x 2,5 RE			10.403,00	10.403,00	750	27	32	1340	*	*
40 x 2,5 RE			11.386,00		1000	30	36	1720	*	*
52 x 2,5 RE			15.499,00		1300	34	40	2200	*	*
7 x 4 RE			3.512,30		280	18	21	600	*	*
7 x 6 RE			5.798,90		420	20	23	760	*	*
7 x 10 RE			8.343,00		700	22	25	1080	*	*

* The current carrying capacity of the cables depends on the number of cores loaded (see DIN VDE 0276-627).

E-Y2Y

PVC Insulated Cable with Copper Conductor and PE Outer Sheath

adapted to DIN VDE 0276-603 / ÖVE K603



Construction

Round or sector-shaped conductor of solid or stranded copper wires, PVC insulation, common core covering or taping, HD-PE outer sheath, black, shore hardness D 58 +/-2, with normalised marking and meter marking.

Application

This power cable is suitable for fixed installations, preferably in cable ducts, indoors, outdoors, in water or underground if no mechanical damage is to be expected.

Temperature range

- 5°C till + 70°C

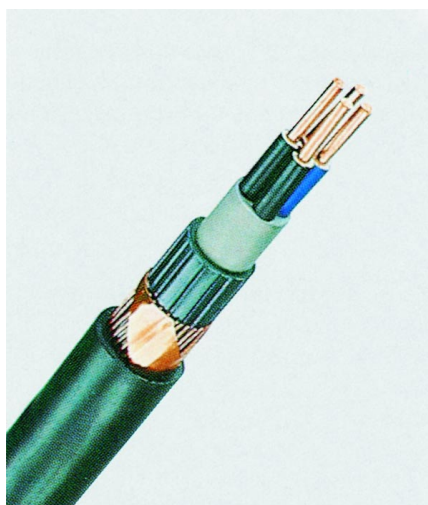
Number of cores and nominal cross section mm ²	Price		Copper figure kg / km	Overall diameter		Weight ca. kg / km	Current carrying	
	EUR / km			min. value ca. mm	max. value		ground A	air
E-Y2Y 0,6/1 KV	J*	O						
4 x 6 RE	2.691,73	2.691,73	240	16	20	540	56	43
4 x 10 RE	3.705,81	3.705,81	400	18	22	740	75	60
4 x 10 RM	4.405,45	4.405,45	400	18	22	740	75	60
4 x 16 RE	5.544,05	5.544,05	640	21	25	1030	98	80
4 x 16 RM	6.245,89	6.245,89	640	21	25	1030	98	80
4 x 25 RM	9.006,73	9.006,73	1000	25	32	1540	128	106
4 x 35 SM	10.494,19	10.494,19	1400	25	32	1800	157	131
4 x 50 SM	13.955,34	13.955,34	2000	29	36	2400	185	159
4 x 70 SM	19.341,10	19.341,10	2800	33	40	3310	228	202

* new colour coding see technical part page 170

NYCY (E-YCY)

PVC Insulated Cable with Concentric Conductor

according to DIN VDE 0276-603 and -627 / ÖVE K603 and K23



Construction

Conductor of solid bare copper wire, PVC insulation, common core covering, concentric conductor of copper wires and copper tape, PVC outer sheath, black with normalised marking and meter marking.

Application

Underground, in water, outdoors, indoors and in cable ducts.

Temperature range

- 5°C till + 70°C

Number of cores and nominal cross section	Price	Copper figure	Overall diameter		Weight	Current carrying capacity	
mm²	EUR / km	kg / km	min. value	max. value	ca. kg / km	ground	air
			ca. mm				A
NYCY 0,6/1 KV							
2 x 1,5 RE / 1,5	1.958,85	54	12	16	215	26	18
2 x 2,5 RE / 2,5	2.286,71	83	14	18	275	34	25
2 x 4 RE / 4	2.900,51	128	15	19	365	44	34
2 x 6 RE / 6	3.482,79	190	16	20	455	56	43
3 x 1,5 RE / 1,5	1.975,84	73	13	17	235	26	18
3 x 2,5 RE / 2,5	2.363,41	113	14	18	290	34	25
3 x 4 RE / 4	3.079,01	168	16	20	415	44	34
3 x 6 RE / 6	3.779,17	250	17	21	500	56	43
4 x 1,5 RE / 1,5	2.191,24	88	14	18	270	26	18
4 x 2,5 RE / 2,5	2.626,39	138	15	19	360	34	25
4 x 4 RE / 4	3.571,43	208	17	21	460	44	34
4 x 6 RE / 6	4.355,83	309	18	22	580	56	43
5 x 1,5 RE / 1,5	2.443,88	103	15	19	310	*	*
5 x 2,5 RE / 2,5	3.080,46	163	17	21	460	*	*
NYCY Control Cable							
7 x 1,5 RE / 2,5	3.167,33	139	15	19	340	*	*
10 x 1,5 RE / 2,5	3.877,19	183	18	23	410	*	*
12 x 1,5 RE / 2,5	4.091,98	214	19	24	465	*	*
16 x 1,5 RE / 4	5.430,32	288	20	25	585	*	*
19 x 1,5 RE / 4	5.948,82	333	22	28	690	*	*
24 x 1,5 RE / 6	7.303,29	430	25	31	815	*	*
7 x 2,5 RE / 2,5	3.742,06	208	17	21	460	*	*
10 x 2,5 RE / 4	4.875,50	298	20	25	570	*	*
12 x 2,5 RE / 4	5.636,03	348	20	25	680	*	*
16 x 2,5 RE / 6	7.680,79	470	22	27	830	*	*
24 x 2,5 RE / 10	9.950,50	725	27	33	1240	*	*

Cable with blue outer sheath on request

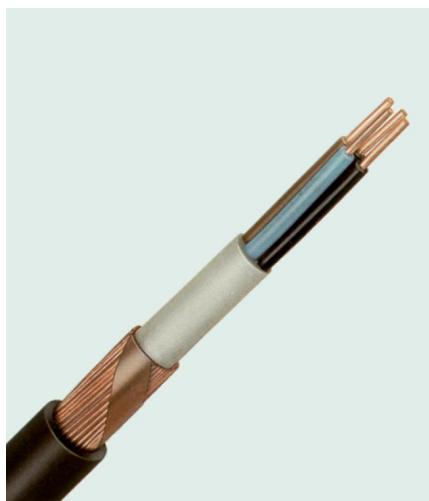
* The current carrying capacity of the cables depends on the number of cores loaded (see DIN VDE 0276-627).

NYCY (E-YCY)

PVC Insulated Cable with Concentric Conductor

Screen cross section 16 mm²

according to DIN VDE 0276-603 and -627 / ÖVE K603 and K23



Construction

Conductor of solid bare copper wire, PVC insulation, common core covering, 16 mm² concentric conductor of copper wires and copper tape, PVC outer sheath, black with normalised marking and meter marking.

Application

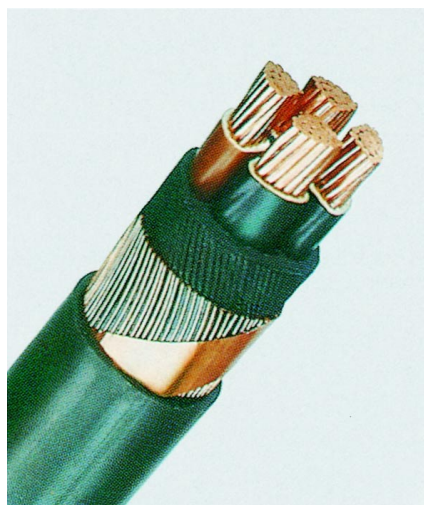
Underground, in water, outdoors, indoors and in cable ducts.

Temperature range

- 5°C till + 70°C

Number of cores and nominal cross section	Price	Copper figure	Overall diameter	Weight ca.	Current carrying capacity	
mm ²	EUR / km	kg / km	ca. mm	kg / km	ground	air
					A	
NYCY 0,6/1 KV						
2 x 4 RE / 16	3.879,83	270	16	510	44	34
2 x 6 RE / 16	3.979,86	310	17	580	56	43
4 x 1,5 RE / 16	3.359,96	250	14	260	26	18
4 x 2,5 RE / 16	3.816,96	290	16	330	34	25
4 x 4 RE / 16	4.359,67	350	18	630	44	34
4 x 6 RE / 16	5.100,81	430	19	750	56	43
4 x 10 RE / 16	6.745,04	590	22	970	75	60
5 x 2,5 RE / 16	4.094,63	315	16	390	*	*
5 x 4 RE / 16	4.829,45	390	19	730	*	*
5 x 6 RE / 16	5.727,96	490	21	860	*	*
5 x 10 RM / 16	8.209,74	690	25	1200	*	*
5 x 16 RM / 16	11.220,94	990	29	1500	*	*
7 x 1,5 RE / 16	4.122,39	295	17	540	*	*
10 x 1,5 RE / 16	4.908,33	340	20	660	*	*
12 x 1,5 RE / 16	5.313,69	370	20	700	*	*
14 x 1,5 RE / 16	6.043,94	400	21	750	*	*
16 x 1,5 RE / 16	6.599,87	430	22	820	*	*
19 x 1,5 RE / 16	7.056,59	475	23	900	*	*
24 x 1,5 RE / 16	8.064,93	550	27	1110	*	*
30 x 1,5 RE / 16	9.667,64	640	28	1260	*	*
7 x 2,5 RE / 16	4.965,64	365	18	630	*	*
10 x 2,5 RE / 16	6.020,11	440	21	800	*	*
12 x 2,5 RE / 16	6.671,46	490	22	890	*	*
14 x 2,5 RE / 16	7.197,77	540	23	980	*	*
16 x 2,5 RE / 16	8.163,60	590	24	1100	*	*
19 x 2,5 RE / 16	8.314,28	665	26	1180	*	*
24 x 2,5 RE / 16	10.317,50	790	29	1450	*	*
30 x 2,5 RE / 16	12.674,25	940	31	1630	*	*

* The current carrying capacity of the cables depends on the number of cores loaded (see DIN VDE 0276-627).

**Construction**

Conductor of solid or stranded bare copper wire, PVC insulation, common core covering, concentric conductor of copper wires and copper tape applied helically, PVC outer sheath, black with normalised marking and meter marking.

Application

Underground, in water, outdoors, indoors and in cable ducts.

Temperature range

- 5°C till + 70°C

Number of cores and nominal cross section mm ²	Price EUR / km	Copper figure kg / km	Overall diameter		Weight ca. kg / km	Current carrying capacity	
			min. value	max. value ca. mm		ground	air
							A
NYCWW 0,6/1 KV							
2 x 10 RE / 10	3992,30	325	18	22	600	75	60
3 x 10 RE / 10	4683,59	425	19	23	750	75	60
3 x 16 RE / 16	6374,22	670	21	25	1040	98	80
3 x 25 RM / 16	9952,94	940	25	31	1450	128	106
3 x 35 SM / 16	11092,56	1240	25	32	1610	157	131
3 x 50 SM / 25	14912,05	1795	28	35	2160	185	159
3 x 70 SM / 35	19868,30	2510	32	39	2940	228	202
3 x 95 SM / 50	26203,09	3433	37	44	3980	275	244
3 x 120 SM / 70	33609,47	4413	40	47	4930	313	282
3 x 150 SM / 70	38032,48	5313	44	51	5880	353	324
3 x 185 SM / 95	47727,02	6649	49	56	7410	399	371
3 x 240 SM / 120	61471,20	8585	56	63	9460	464	436
3 x 25 RM / 25	10476,56	1045	25	31	1540	128	106
3 x 35 SM / 35	12599,16	1460	25	32	1820	157	131
3 x 50 SM / 50	16310,15	2083	28	35	2400	185	159
3 x 70 SM / 70	22174,80	2913	33	40	3260	228	202
3 x 95 SM / 95	29353,09	3949	37	44	4420	275	244
3 x 120 SM / 120	37159,85	4985	41	48	5410	313	282
3 x 150 SM / 150	43398,99	6219	45	52	6650	353	324
4 x 10 RE / 10	6071,62	525	20	24	880	75	60
4 x 16 RE / 16	7978,77	829	23	27	1240	98	80
4 x 25 RM / 16	10851,19	1190	27	34	1750	128	106
4 x 35 SM / 16	13875,06	1590	28	35	2020	157	131
4 x 50 SM / 25	17783,00	2295	32	39	2730	185	159
4 x 70 SM / 35	25052,09	3210	36	43	3760	228	202
4 x 95 SM / 50	33285,89	4383	42	49	5060	275	244
4 x 120 SM / 70	39502,56	5613	46	53	6250	313	282
4 x 150 SM / 70	46577,15	6813	50	57	7560	353	324
4 x 185 SM / 95	57977,51	8499	55	62	9750	396	363
4 x 240 SM / 120	75912,95	10913	60	67	12500	459	429

Copper Rope

according to DIN 48201



Construction

Stranded bare or tinned copper conductor, according to IEC 228, class 2.

Application

For connecting to ground in power installations.

Nominal cross section mm ²	Price EUR / km	Copper figure kg / km	Cond. construction * (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
Copper rope bare					
16	911,10	160	7 x 1,70	5,1	143
25	1.443,50	250	7 x 2,10	6,3	219
35	2.001,90	350	7 x 2,50	7,5	310
50	2.837,20	500	7 x 3,00	9,0	447
50	2.837,20	500	19 x 1,80	9,0	438
70	3.957,00	700	19 x 2,10	10,5	597
95	5.486,80	950	19 x 2,50	12,5	846
120	6.747,60	1200	19 x 2,80	14,0	1061
150	8.352,20	1500	37 x 2,25	15,7	1337
185	10.515,70	1850	37 x 2,50	17,5	1651
240	13.398,90	2400	61 x 2,25	20,2	2208
Copper rope tinned					
16	1.002,30	160	7 x 1,70	5,1	143
25	1.587,90	250	7 x 2,10	6,3	219
35	2.202,10	350	7 x 2,50	7,5	310
50	3.120,90	500	7 x 3,00	9,0	447
50	3.120,90	500	19 x 1,80	9,0	438
70	4.352,70	700	19 x 2,10	10,5	597
95	6.035,40	950	19 x 2,50	12,5	846
120	7.422,40	1200	19 x 2,80	14,0	1061
150	9.187,50	1500	37 x 2,25	15,7	1337
185	11.567,30	1850	37 x 2,50	17,5	1651
240	14.738,70	2400	61 x 2,25	20,2	2208

* data only valid for the non-compacted conductor construction