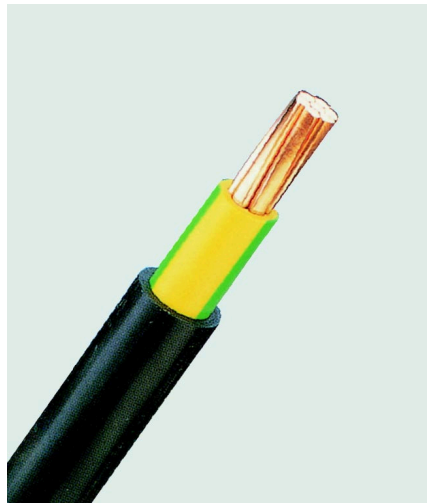


NYN (E-YY)

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

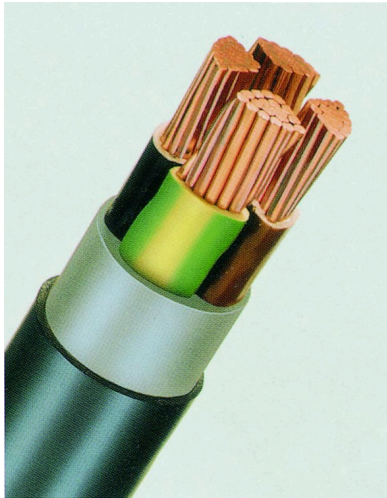
Number of cores and nominal cross section	Price	Copper figure	Overall diameter		Weight	Current carrying *	
			min. value	max. value		ca. ground	air
mm²	EUR / km	kg / km	ca. mm		kg / km	A	
NYY-J 0,6/1 KV							
1 x 16 RE	1.392,45	160	11	13	250	107	89
1 x 25 RM	2.130,78	250	12	15	360	137	118
1 x 35 RM	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

NYN (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 ca. mm		ca. kg / km	ground air A
NYN 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 Y 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	*	*

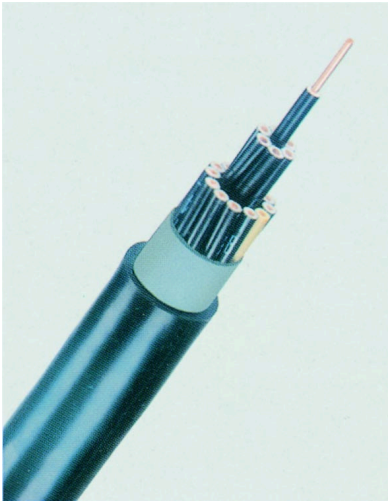
* The current carrying capacity of the cables depends on the number of cores loaded (see DIN VDE 0276-627).

** new colour coding see technical part page 170

NYN (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	kg / km	ground	air	
									A	
NYN	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).