



## USE OF CABLE

power cable for use in generating plants, industrial facilities, switching stations, in local networks and power supply industry. Use predominantly for laying underground, indoor- and outdoor use, cable channels and in water.



## SPECIAL FEATURES

- 0,6/1 kV operating voltage, 4 kV testing voltage
- UV-resistant
- no hood termination necessary when laying in dry rooms
- free from lacquer damaging substances and silicone (during production)
- NYY-O without GNYE

## REMARKS

- conform to RoHS
- conform to 2006/95/EC-Guideline CE
- with blue outer sheath for intrinsically safe facilities and also as NAYY (with aluminium conductors) available upon request
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.

## PRODUCT INFORMATION

Conductor material:	Bare copper conductor
Conductor class:	Acc. to DIN VDE 0295 class 1 or 2 resp. IEC 60228 class 1 or 2
Core insulation:	PVC
Core identification:	NYY-J: with GNYE; multi core acc. to VDE 0207 part 5, up to 5 cores acc. VDE 0293-308 coloured cores, from 7 cores black cores with white numerals NYY-O: without GNYE; multi core acc. to VDE 0207 part 5 up to 5 cores acc. VDE 0293-308 coloured cores, from 7 cores black cores with white numerals
Stranding:	Multi cores stranded in layers
Inner sheath material:	Filler sheath
Outer sheath:	PVC
Sheath colour:	Black
Rated voltage:	Uo/U: 0,6/1 kV
Testing voltage:	4 kV
Conductor resistance:	At +20 °C acc. to DIN VDE 0295 class 1 or 2 resp. IEC 60228 class 1 or 2
Current-carrying-capacity:	Acc. to DIN VDE, see Technical Guidelines
Min. bending radius fixed:	Single core: 15 x d ; multi core: 12 x d
Operat. temp. fixed min/max:	-40 °C / +70 °C
Operat. temp. moved min/max:	- 5 °C / +50 °C
Temp. at conductor:	+ 70 °C in operation; +160 °C in case of short-circuit
Burning behavior:	Acc. to VDE 0472-804-B and IEC 60332-1
Standard:	Acc. to DIN VDE 0276-603 and IEC 60502
Approvals:	VDE

## ITEM OVERVIEW

Product No.	Dimension [n x mm <sup>2</sup> ]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
4000524	1 X 4re	9,0	38,00	130,00	black	V1: NYY-J
4000516	1 X 6re	10,0	58,00	136,00	black	V1: NYY-J
4000191	1 X 10re	11,0	96,00	182,00	black	V1: NYY-J
4000136	1 X 16re	12,0	154,00	252,00	black	V1: NYY-J
4000465	1 X 25rm	13,0	240,00	365,00	black	V1: NYY-J
4000144	1 X 35rm	14,0	336,00	480,00	black	V1: NYY-J
4000175	1 X 50rm	16,0	480,00	620,00	black	V1: NYY-J
4000466	1 X 70rm	17,0	672,00	840,00	black	V1: NYY-J
4000190	1 X 95rm	19,0	912,00	1100,00	black	V1: NYY-J
4000131	1 X 120rm	21,0	1152,00	1320,00	black	V1: NYY-J
4000272	1 X 150rm	23,0	1440,00	1610,00	black	V1: NYY-J
4000255	1 X 185rm	25,0	1776,00	1980,00	black	V1: NYY-J
4000139	1 X 240rm	28,0	2304,00	2550,00	black	V1: NYY-J
4000576	1 X 300rm	30,0	2880,00	3200,00	black	V1: NYY-J
4000054	1 X 400rm	34,0	3840,00	4000,00	black	V1: NYY-J
4000055	1 X 500rm	38,0	4800,00	5100,00	black	V1: NYY-J
4000145	3 X 1,5re	12,0	43,00	225,00	black	V1: NYY-J
4000150	3 X 2,5re	13,0	72,00	275,00	black	V1: NYY-J
4000154	3 X 4re	14,0	115,00	375,00	black	V1: NYY-J
4000156	3 X 6re	15,0	173,00	480,00	black	V1: NYY-J
4000146	3 X 10re	18,0	288,00	675,00	black	V1: NYY-J
4000278	3 X 16re	19,0	461,00	880,00	black	V1: NYY-J

Product No.	Dimension [n x mm <sup>2</sup> ]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
4500539	3 X 25mm	24,0	720,00	1390,00	black	V1: NYY-J
4000521	3 X 35sm	25,0	1008,00	1600,00	black	V1: NYY-J
4000655	3 X 50sm	28,0	1440,00	2000,00	black	V1: NYY-J
4500546	3 X 70sm	31,0	2016,00	2700,00	black	V1: NYY-J
4000654	3 X 95sm	35,0	2736,00	3600,00	black	V1: NYY-J
4000657	3 X 120sm	39,0	3456,00	4400,00	black	V1: NYY-J
4000656	3 X 150sm	44,0	4320,00	4910,00	black	V1: NYY-J
4000760	3 X 185sm	49,0	5328,00	6520,00	black	V1: NYY-J
4000312	3 X 240sm	53,0	6912,00	8290,00	black	V1: NYY-J
4000152	3 X 25mm/16re	25,0	874,00	1575,00	black	V1: NYY-J
4000153	3 X 35sm/16re	26,0	1162,00	1700,00	black	V1: NYY-J
4000155	3 X 50sm/25mm	30,0	1680,00	2325,00	black	V1: NYY-J
4000157	3 X 70sm/35sm	35,0	2352,00	2900,00	black	V1: NYY-J
4000158	3 X 95sm/50sm	37,0	3216,00	3900,00	black	V1: NYY-J
4000147	3 X 120sm/70sm	42,0	4128,00	4900,00	black	V1: NYY-J
4000148	3 X 150sm/70sm	47,0	4992,00	5800,00	black	V1: NYY-J
4000149	3 X 185sm/95sm	51,0	6240,00	7400,00	black	V1: NYY-J
4000151	3 X 240sm/120sm	59,0	8064,00	9700,00	black	V1: NYY-J
4000596	3 X 300sm/150sm	66,0	10080,00	12000,00	black	V1: NYY-J
4000160	4 X 1,5re	13,0	58,00	220,00	black	V1: NYY-J
4000166	4 X 2,5re	14,0	96,00	300,00	black	V1: NYY-J
4000170	4 X 4re	16,0	154,00	410,00	black	V1: NYY-J
4000172	4 X 6re	17,0	230,00	520,00	black	V1: NYY-J
4000161	4 X 10re	19,0	384,00	720,00	black	V1: NYY-J
4000165	4 X 16re	22,0	614,00	1050,00	black	V1: NYY-J
4000168	4 X 25mm	26,0	960,00	1650,00	black	V1: NYY-J
4000169	4 X 35sm	28,0	1344,00	1860,00	black	V1: NYY-J
4000171	4 X 50sm	31,0	1920,00	2500,00	black	V1: NYY-J
4000173	4 X 70sm	35,0	2688,00	3300,00	black	V1: NYY-J
4000174	4 X 95sm	38,0	3648,00	4500,00	black	V1: NYY-J
4000163	4 X 120sm	42,0	4608,00	5500,00	black	V1: NYY-J
4000164	4 X 150sm	47,0	5760,00	6880,00	black	V1: NYY-J
4000276	4 X 185sm	52,0	7104,00	8460,00	black	V1: NYY-J
4000167	4 X 240sm	59,0	9216,00	11000,00	black	V1: NYY-J
4000177	5 X 1,5re	13,0	72,00	280,00	black	V1: NYY-J
4000181	5 X 2,5re	15,0	120,00	360,00	black	V1: NYY-J
4000184	5 X 4re	16,0	192,00	490,00	black	V1: NYY-J
4000185	5 X 6re	18,0	288,00	650,00	black	V1: NYY-J
4000178	5 X 10re	20,0	480,00	870,00	black	V1: NYY-J
4000179	5 X 16re	23,0	768,00	1255,00	black	V1: NYY-J
4000182	5 X 25mm	30,0	1200,00	1980,00	black	V1: NYY-J
4000183	5 X 35sm	34,0	1680,00	2650,00	black	V1: NYY-J
4001485	5 X 120mm	51,3	5760,00	7500,00	black	V1: NYY-J
4000186	7 X 1,5re	14,0	101,00	370,00	black	V1: NYY-J
4000129	10 X 1,5re	17,0	144,00	530,00	black	V1: NYY-J
4000133	12 X 1,5re	18,0	173,00	580,00	black	V1: NYY-J
4000135	14 X 1,5re	19,0	202,00	620,00	black	V1: NYY-J
4000528	16 X 1,5re	20,0	230,00	690,00	black	V1: NYY-J
4000137	19 X 1,5re	21,0	274,00	770,00	black	V1: NYY-J
4000138	21 X 1,5re	22,0	302,00	850,00	black	V1: NYY-J
4000140	24 X 1,5re	23,0	346,00	900,00	black	V1: NYY-J
4000142	30 X 1,5re	24,0	432,00	1030,00	black	V1: NYY-J
4000159	40 X 1,5re	28,0	576,00	1260,00	black	V1: NYY-J
4000789	61 X 1,5re	32,0	878,00	1760,00	black	V1: NYY-J
4000187	7 X 2,5re	16,0	168,00	460,00	black	V1: NYY-J
4000130	10 X 2,5re	19,0	240,00	650,00	black	V1: NYY-J
4000134	12 X 2,5re	20,0	288,00	730,00	black	V1: NYY-J
4000566	14 X 2,5re	21,0	336,00	820,00	black	V1: NYY-J
4000794	16 X 2,5re	22,0	384,00	930,00	black	V1: NYY-J
4000280	19 X 2,5re	23,0	456,00	1000,00	black	V1: NYY-J
4000797	21 X 2,5re	24,0	504,00	1050,00	black	V1: NYY-J
4000141	24 X 2,5re	26,0	576,00	1120,00	black	V1: NYY-J
4000143	30 X 2,5re	28,0	720,00	1300,00	black	V1: NYY-J
4000801	40 X 2,5re	30,0	960,00	1700,00	black	V1: NYY-J
4000802	52 X 2,5re	36,0	1248,00	2300,00	black	V1: NYY-J
4000804	61 X 2,5re	38,0	1464,00	2600,00	black	V1: NYY-J
4000188	7 X 4re	19,0	269,00	620,00	black	V1: NYY-J
4000189	7 X 6re	21,0	403,00	860,00	black	V1: NYY-J
4001489	7 X 10re	23,5	672,00	1200,00	black	V1: NYY-J
4000218	1 X 4re	9,0	38,00	130,00	black	V2: NYY-O
4000226	1 X 6re	10,0	58,00	136,00	black	V2: NYY-O
4000199	1 X 10re	11,0	96,00	182,00	black	V2: NYY-O
4000203	1 X 16re	12,0	154,00	252,00	black	V2: NYY-O
4000208	1 X 25mm	13,0	240,00	365,00	black	V2: NYY-O
4000215	1 X 35mm	14,0	336,00	480,00	black	V2: NYY-O
4000224	1 X 50mm	16,0	480,00	620,00	black	V2: NYY-O
4000227	1 X 70mm	17,0	672,00	840,00	black	V2: NYY-O
4000230	1 X 95mm	19,0	912,00	1100,00	black	V2: NYY-O
4000201	1 X 120mm	21,0	1152,00	1320,00	black	V2: NYY-O
4000202	1 X 150mm	23,0	1440,00	1610,00	black	V2: NYY-O
4000205	1 X 185mm	25,0	1776,00	1980,00	black	V2: NYY-O

Product No.	Dimension [n x mm <sup>2</sup> ]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
4000206	1 X 240rm	28,0	2304,00	2550,00	black	V2: NYY-O
4000214	1 X 300rm	30,0	2880,00	3200,00	black	V2: NYY-O
4000269	1 X 400rm	34,0	3840,00	4000,00	black	V2: NYY-O
4000597	1 X 500rm	38,0	4800,00	5100,00	black	V2: NYY-O
4000209	2 X 1,5re	11	29,00	180,00	black	V2: NYY-O
4000212	2 X 2,5re	12	48,00	240,00	black	V2: NYY-O
4000440	2 X 4re	14	77,00	325,00	black	V2: NYY-O
4000586	2 X 6re	15	115,00	395,00	black	V2: NYY-O
4000210	2 X 10re	16	192,00	570,00	black	V2: NYY-O
4000211	2 X 16re	18	307,00	720,00	black	V2: NYY-O
4000213	2 X 25rm	24	480,00	1150,00	black	V2: NYY-O
4001012	2 X 35rm	26	672,00	1360,00	black	V2: NYY-O
4001013	2 X 50rm	29	960,00	1810,00	black	V2: NYY-O
4000441	3 X 1,5re	12,0	43,00	225,00	black	V2: NYY-O
4000747	3 X 2,5re	13,0	72,00	275,00	black	V2: NYY-O
4000748	3 X 4re	14,0	115,00	375,00	black	V2: NYY-O
4000749	3 X 6re	15,0	173,00	480,00	black	V2: NYY-O
4000750	3 X 10re	18,0	288,00	675,00	black	V2: NYY-O
4000751	3 X 16re	19,0	461,00	880,00	black	V2: NYY-O
4000752	3 X 25rm	24,0	720,00	1390,00	black	V2: NYY-O
4000753	3 X 35sm	25,0	1008,00	1600,00	black	V2: NYY-O
4000754	3 X 50sm	28,0	1440,00	2000,00	black	V2: NYY-O
4000755	3 X 70sm	31,0	2016,00	2700,00	black	V2: NYY-O
4000756	3 X 95sm	35,0	2736,00	3600,00	black	V2: NYY-O
4000757	3 X 120sm	39,0	3456,00	4400,00	black	V2: NYY-O
4000758	3 X 150sm	44,0	4320,00	4910,00	black	V2: NYY-O
4000759	3 X 185sm	49,0	5328,00	6520,00	black	V2: NYY-O
4000761	3 X 240sm	53,0	6912,00	8290,00	black	V2: NYY-O
4000525	4 X 1,5re	13,0	58,00	220,00	black	V2: NYY-O
4000568	4 X 2,5re	14,0	96,00	300,00	black	V2: NYY-O
4000557	4 X 4re	16,0	154,00	410,00	black	V2: NYY-O
4000558	4 X 6re	17,0	230,00	520,00	black	V2: NYY-O
4000221	4 X 10re	19,0	384,00	720,00	black	V2: NYY-O
4000220	4 X 16re	22,0	614,00	1050,00	black	V2: NYY-O
4000069	4 X 25rm	26,0	960,00	1650,00	black	V2: NYY-O
4000222	4 X 35sm	28,0	1344,00	1860,00	black	V2: NYY-O
4000223	4 X 50sm	31,0	1920,00	2500,00	black	V2: NYY-O
4000567	4 X 70sm	35,0	2688,00	3300,00	black	V2: NYY-O
4000571	4 X 95sm	38,0	3648,00	4500,00	black	V2: NYY-O
4000772	4 X 120sm	42,0	4608,00	5500,00	black	V2: NYY-O
4000658	4 X 150sm	47,0	5760,00	6880,00	black	V2: NYY-O
4000729	4 X 185sm	52,0	7104,00	8460,00	black	V2: NYY-O
4000773	4 X 240sm	59,0	9216,00	11000,00	black	V2: NYY-O
4000235	5 X 1,5re	13,0	72,00	280,00	black	V2: NYY-O
4000774	5 X 2,5re	15,0	120,00	360,00	black	V2: NYY-O
4000775	5 X 4re	16,0	192,00	490,00	black	V2: NYY-O
4000776	5 X 6re	18,0	288,00	650,00	black	V2: NYY-O
4000777	5 X 10re	20,0	480,00	870,00	black	V2: NYY-O
4000778	5 X 16re	23,0	768,00	1255,00	black	V2: NYY-O
4000779	5 X 25rm	30,0	1200,00	1980,00	black	V2: NYY-O
4000780	5 X 35rm	34,0	1680,00	2650,00	black	V2: NYY-O
4000228	7 X 1,5re	14,0	101,00	370,00	black	V2: NYY-O
4000781	10 X 1,5re	17,0	144,00	530,00	black	V2: NYY-O
4000782	12 X 1,5re	18,0	173,00	580,00	black	V2: NYY-O
4000783	14 X 1,5re	19,0	202,00	620,00	black	V2: NYY-O
4000204	16 X 1,5re	20,0	230,00	690,00	black	V2: NYY-O
4000784	19 X 1,5re	21,0	274,00	770,00	black	V2: NYY-O
4000785	21 X 1,5re	22,0	302,00	850,00	black	V2: NYY-O
4000207	24 X 1,5re	23,0	346,00	900,00	black	V2: NYY-O
4000786	30 X 1,5re	24,0	432,00	1030,00	black	V2: NYY-O
4000787	40 X 1,5re	28,0	576,00	1260,00	black	V2: NYY-O
4000788	61 X 1,5re	32,0	878,00	1760,00	black	V2: NYY-O
4000442	7 X 2,5re	16,0	168,00	460,00	black	V2: NYY-O
4000790	10 X 2,5re	19,0	240,00	650,00	black	V2: NYY-O
4000791	12 X 2,5re	20,0	288,00	730,00	black	V2: NYY-O
4000792	14 X 2,5re	21,0	336,00	820,00	black	V2: NYY-O
4000793	16 X 2,5re	22,0	384,00	930,00	black	V2: NYY-O
4000795	19 X 2,5re	23,0	456,00	1000,00	black	V2: NYY-O
4000796	21 X 2,5re	24,0	504,00	1050,00	black	V2: NYY-O
4000798	24 X 2,5re	26,0	576,00	1120,00	black	V2: NYY-O
4000799	30 X 2,5re	28,0	720,00	1300,00	black	V2: NYY-O
4000800	40 X 2,5re	30,0	960,00	1700,00	black	V2: NYY-O
4000718	52 X 2,5re	36,0	1248,00	2300,00	black	V2: NYY-O
4000803	61 X 2,5re	38,0	1464,00	2600,00	black	V2: NYY-O
4000713	7 X 4re	19,0	268,00	620,00	black	V2: NYY-O
4000805	7 X 6re	21,0	403,00	860,00	black	V2: NYY-O