

Power cable NYY-J, NYY-O
The robust 0,6/1 kV cable



Application

NY Y is used as a power and control cable in static installations, indoors, outdoors, underground, in concrete and in water.

Special Feature

according to VDE 0295 / IEC 60228

re = round conductor, single wire
rm = round conductor, multi wire
sm = sectorial conductor

Note

The use of NYY cables is in accordance to VDE 0298 part 1, the current capacity is according to HD 603 S.1 and VDE 0276 part 1000. Applicable is the chart T12 for installation in buildings. The product is conform to EEC directive 73/23 (Low Voltage Directive) CE.

Cable Make-up

Single or multi-wire conductors of plain copper wires, PVC core insulation, cores twisted concentrically, various core colours according to VDE 0293, common core sheathing, outer sheath of PVC, standard colour black, flame-retardant.

Technical Data



Minimum bending radius for
einadrig:
15 x Außendurchmesser
mehradrig:
12 x Außendurchmesser



Temperature range:
bei Verlegung: -5°C bis +50°C
nach Verlegung: -40°C bis +70°C



Core ident code:
nach VDE 0293-308,
siehe Anhang T9



Nominal voltage
U0/U:
0,6/1,0 kV



Test voltage:
4 kV



Approval:
VDE 0276, Teil 603 (für 1-5 Adern)
Teil 627, HD 627 (ab 7 Adern)

Part-Number	No. of cores and mm ² per cond.	Approx. outside in mm ca.	Copper weight kg/km	Approx. weight kg/km ca.
NY Y-J				
1550 030	1 x 25 rm	13	240,0	360
1550 038	1 x 35 rm	14	336,0	470
1550 032	1 x 50 rm	15	480,0	640
1550 033	1 x 70 rm	17	672,0	850
1550 0013	3 x 1,5 re	12	43,0	200
1550 0103	3 x 2,5 re	13	72,0	260
1550 0583	3 x 4 re	15	115,0	330
1550 0593	3 x 6 re	16	173,0	430
1550 0603	3 x 10 re	18	288,0	590
1550 0613	3 x 16 re	20	461,0	810
1550 0713	3 x 25 rm/16 re	26	874,0	1520
1550 0153	3 x 35 sm/16 re	28	1162,0	1800
1550 0163	3 x 50 sm/25 rm	31	1680,0	2500
1550 0173	3 x 70 sm/35 sm	35	2352,0	3300
1550 0183	3 x 95 sm/50 sm	40	3216,0	4400
1550 0723	3 x 120 sm/70 sm	43	4128,0	5400

1550 0733	3 x 150 sm/70 sm	48	4992,0	6700
1550 0743	3 x 185 sm/95 sm	52	6240,0	8000
1550 0193	3 x 240 sm/120 sm	59	8064,0	10400
1550 0503	3 x 300/150 sm	65	10080,0	13000
1550 0023	4 x 1,5 re	13	58,0	230
1550 0113	4 x 2,5 re	14	96,0	300
1550 0203	4 x 4 re	16	154,0	400
1550 0213	4 x 6 re	17	230,0	510
1550 0223	4 x 10 re	19	384,0	720
11550 0233	4 x 16 re	22	614,0	1050
1550 0243	4 x 25 rm	28	960,0	1650
1550 0753	4 x 35 sm	28	1344,0	2000
1550 0253	4 x 50 sm	31	1920,0	2700
1550 0763	4 x 70 sm	35	2688,0	3600
1550 0773	4 x 95 sm	40	3648,0	4800
1550 0783	4 x 120 sm	43	4608,0	5900
1550 0793	4 x 150 sm	48	5760,0	7300
1550 0803	4 x 185 sm	53	7104,0	9000
1550 0813	4 x 240 sm	60	9216,0	11400
1550 0033	5 x 1,5 re	14	72,0	270
1550 0123	5 x 2,5 re	15	120,0	350
1550 0263	5 x 4 re	17	192,0	480
1550 0273	5 x 6 re	19	288,0	610
1550 0823	5 x 10 re	21	480,0	880
1550 0833	5 x 16 re	24	768,0	1250
1550 004	7 x 1,5 re	15	101,0	300
1550 005	10 x 1,5 re	17	144,0	420
1550 006	12 x 1,5 re	18	173,0	460
1550 084	14 x 1,5 re	19	202,0	520
1550 007	16 x 1,5 re	20	230,0	570
1550 008	19 x 1,5 re	21	274,0	600
1550 085	21 x 1,5 re	22	302,0	650
1550 009	24 x 1,5 re	23	346,0	750
1550 086	30 x 1,5 re	25	432,0	800
1550 087	40 x 1,5 re	28	576,0	1050
1550 088	52 x 1,5 re	31	749,0	1450
1550 089	61 x 1,5 re	33	878,0	1680
1550 013	7 x 2,5 re	16	168,0	420
1550 090	10 x 2,5 re	19	240,0	600
1550 091	12 x 2,5 re	21	288,0	630
1550 092	14 x 2,5 re	22	336,0	740
1550 093	16 x 2,5 re	23	384,0	810
1550 094	19 x 2,5 re	24	456,0	850
1550 095	21 x 2,5 re	25	504,0	950

1550 096	24 x 2,5 re	27	576,0	1100
1550 097	30 x 2,5 re	29	720,0	1300
1550 098	40 x 2,5 re	32	960,0	1700
1550 099	52 x 2,5 re	36	1248,0	2200

NYY-O

1550 204	1 x 6 re	9	58,0	140
1550 205	1 x 10 re	10	96,0	190
1550 206	1 x 16 re	11	154,0	240
1550 207	1 x 25 rm	13	240,0	360
1550 208	1 x 35 rm	14	336,0	470
1550 209	1 x 50 rm	15	480,0	640
1550 210	1 x 70 rm	17	672,0	850
1550 211	1 x 95 rm	19	912,0	1120
1550 212	1 x 120 rm	21	1152,0	1370
1550 213	1 x 150 rm	23	1440,0	1700
1550 214	1 x 185 rm	25	1776,0	2100
1550 215	1 x 240 rm	28	2304,0	2700
1550 216	1 x 300 rm	30	2880,0	3200
1550 218	1 x 500 rm	39	4800,0	5400

1550 2003	2 x 1,5 re	11	29,0	170
1550 2193	2 x 2,5 re	12	48,0	220
1550 2203	2 x 4 re	14	77,0	290
1550 2213	2 x 6 re	15	115,0	360
1550 2223	2 x 10 re	17	192,0	480
1550 2233	2 x 16 re	19	307,0	660

1550 2033	4 x 2,5 re	14	96,0	300
1550 2503	4 x 4 re	16	154,0	400
1550 2513	4 x 6 re	17	230,0	510
1550 2523	4 x 10 re	19	384,0	720
1550 2533	4 x 16 re	22	614,0	1050
1550 2543	4 x 25 rm	28	960,0	1650
1550 2553	4 x 35 sm	28	1344,0	2000
1550 2563	4 x 50 sm	31	1920,0	2700
1550 2573	4 x 70 sm	35	2688,0	3600
1550 2583	4 x 95 sm	40	3648,0	4800

No surplus for cutting of original make-ups (50, 100, 250, 500, 1000 m).