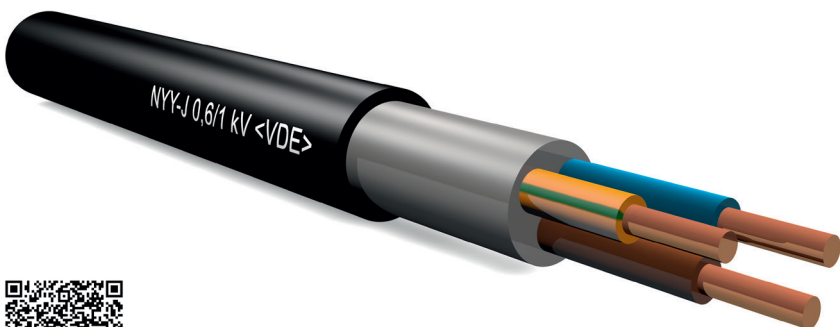


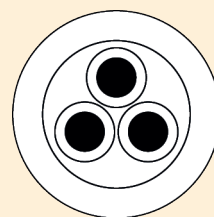
NY Y

Power cable 0.6/1kV



RoHS

CROSS SECTION



Acc. to VDE 0276-603

APPLICATION

NY Y is used as a fixed installation power and control cable indoors, outdoors, underground, in concrete and in water, for example, for power plants, industrial plants and switchgears, as well as in local networks. VDE 0298 part 1 applies to the use of NY Y cables; HD-603 S.1 in the Low Voltage Directive 73/23/EEC CE applies to the current carrying capacity.

STRUCTURE

Conductor	Single or multi-cored conductors made from bare copper wires RE = round conductor, single-cored RM = round conductor, multi-cored SM = sector-shaped conductor
Cores	PVC insulation, colours according to VDE 0293, joint core covering
Arrangement	Concentrically stranded cores
Outer sheath	PVC, flame retardant according to VDE 0472 part 8004, test method B

TECHNICAL DATA

Nominal voltage	600 V/1000 V
Test voltage	4000 V
Temperature range	Fixed installation -40°C to +70°C
Temperature range	Moving -5°C to +50°C
Min. bending radius	15 x cable diameter (single-cored)
Min. bending radius	12 x cable diameter (multi-cored) VDE 0276 part 603/623

SPECIAL FEATURES

Sheath colour
Black

Product description	Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
NY Y-J 1x10.0 RE	96.0	9.0	190	1067000010
NY Y-J 1x16.0 RE	154.0	10.0	229	1067000016
NY Y-J 1x25.0 RM	240.0	13.0	380	1067000025
NY Y-J 1x35.0 RM	336.0	14.0	490	1067000035
NY Y-J 1x50.0 RM	480.0	15.0	650	1067000050
NY Y-J 1x70.0 RM	672.0	16.0	860	1067000070
NY Y-J 1x95.0 RM	912.0	19.0	1150	1067000095
NY Y-J 1x120.0 RM	1152.0	20.0	1400	1067001120
NY Y-J 1x150.0 RM	1440.0	22.0	1700	1067001150
NY Y-J 1x185.0 RM	1776.0	24.0	2100	1067001185
NY Y-J 1x240.0 RM	2304.0	27.0	2650	1067001240
NY Y-J 3x1.5 RE	43.0	12.0	179	1067003001
NY Y-J 3x2.5 RE	72.0	13.0	222	1067003002
NY Y-J 3x4.0 RE	115.0	16.0	307	1067003004
NY Y-J 3x6.0 RE	173.0	16.0	460	1067003006

Product description	Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
NYY-J 3x10.0 RE	288.0	18.0	660	1067003010
NYY-J 3x16.0 RE	461.0	20.0	900	1067003016
NYY-J 3x25.0 RM/16	874.0	26.0	1350	1067030251
NYY-J 3x35.0 SM/16	1162.0	26.0	1750	1067030351
NYY-J 3x50.0 SM/25	1680.0	31.0	2450	1067030502
NYY-J 3x70.0 SM/35	2352.0	32.0	2900	1067030703
NYY-J 3x95.0 SM/50	3216.0	37.0	3900	1067030955
NYY-J 3x120.0 SM/70	4128.0	40.0	4900	1067031207
NYY-J 3x150.0 SM/70	4992.0	44.0	5800	1067031507
NYY-J 3x185.0 SM/95	6240.0	49.0	7300	1067031859
NYY-J 3x240.0 SM/120	8064.0	55.0	9400	1067032401
NYY-J 4x1.5 RE	58.0	13.0	208	1067004001
NYY-J 4x2.5 RE	96.0	14.0	257	1067004002
NYY-J 4x4.0 RE	154.0	17.0	365	1067004004
NYY-J 4x6.0 RE	230.0	18.0	462	1067004006
NYY-J 4x10.0 RE	384.0	20.0	679	1067004010
NYY-J 4x16.0 RE	614.0	22.0	920	1067004016
NYY-J 4x25.0 RM	960.0	27.0	1449	1067004025
NYY-J 4x35.0 RM	1344.0	30.0	1756	1067004035
NYY-J 4x50.0 RM	1920.0	30.0	2350	1067004050
NYY-J 4x70.0 RM	2688.0	33.0	3250	1067004070
NYY-J 4x95.0 RM	3648.0	38.0	4400	1067004095
NYY-J 4x120.0 RM	4608.0	42.0	5450	1067004120
NYY-J 4x150.0 RM	5760.0	47.0	6550	1067004150
NYY-J 4x185.0 RM	7104.0	51.0	8200	1067004185
NYY-J 4x240.0 RM	9216.0	58.0	10650	1067004240
NYY-J 5x1.5 RE	72.0	14.0	238	1067005001
NYY-J 5x2.5 RE	120.0	15.0	297	1067005002
NYY-J 5x4.0 RE	192.0	18.0	426	1067005004
NYY-J 5x6.0 RE	288.0	19.0	581	1067005006
NYY-J 5x10.0 RE	480.0	21.0	812	1067005010
NYY-J 5x16.0 RE	768.0	24.0	1163	1067005016
NYY-J 5x25.0 RM	1200.0	30.0	1843	1067005025
NYY-J 5x35.0 RM	1680.0	32.0	2313	1067005035
NYY-J 7x1.5 RE	101.0	15.0	290	1067007015
NYY-J 10x1.5 RE	144.0	18.0	520	1067010015
NYY-J 12x1.5 RE	173.0	19.0	560	1067012015
NYY-J 14x1.5 RE	202.0	20.0	620	1067014015
NYY-J 16x1.5 RE	230.0	21.0	690	1067016015
NYY-J 19x1.5 RE	274.0	22.0	760	1067019015
NYY-J 21x1.5 RE	302.0	22.0	830	1067021015
NYY-J 24x1.5 RE	346.0	24.0	950	1067024015
NYY-J 30x1.5 RE	432.0	26.0	1100	1067030015
NYY-J 40x1.5 RE	576.0	28.0	1350	1067040015
NYY-J 7x2.5 RE	168.0	16.0	375	1067007025
NYY-J 10x2.5 RE	240.0	20.0	630	1067010025
NYY-J 12x2.5 RE	288.0	20.0	680	1067012025
NYY-J 14x2.5 RE	336.0	21.0	790	1067014025
NYY-J 16x2.5 RE	384.0	22.0	870	1067016025
NYY-J 19x2.5 RE	456.0	23.0	990	1067019025
NYY-J 21x2.5 RE	504.0	24.0	1050	1067021025
NYY-J 24x2.5 RE	576.0	26.0	1400	1067024025
NYY-J 30x2.5 RE	720.0	28.0	1450	1067030025
NYY-J 40x2.5 RE	960.0	31.0	1800	1067040025
NYY-O 1x16 RE	154.0	10.0	260	1067501016
NYY-O 1x25 RM	240.0	13.0	380	1067501025
NYY-O 1x35 RM	336.0	14.0	490	1067501035
NYY-O 1x50 RM	480.0	15.0	650	1067501050
NYY-O 1x70 RM	672.0	16.0	860	1067501070
NYY-O 1x95 RM	912.0	19.0	1150	1067501095
NYY-O 1x120 RM	1152.0	20.0	1400	1067501120
NYY-O 1x150 RM	1440.0	22.0	1700	1067501150
NYY-O 1x185 RM	1776.0	24.0	2100	1067501185
NYY-O 1x240 RM	2304.0	27.0	2650	1067501240
NYY-O 1x300 RM	2880.0	30.0	3300	1067501300
NYY-O 1x400 RM	3840.0	35.0	4200	1067501400
NYY-O 2x1.5 RE	29.0	12.0	170	1067502001
NYY-O 2x2.5 RE	48.0	12.0	230	1067502002

Product description	Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
NYY-O 2x4.0 RE	77.0	15.0	290	1067502004
NYY-O 2x6.0 RE	115.0	15.0	400	1067502006
NYY-O 4x2.5 RE	96.0	14.0	320	1067504002
NYY-O 4x4.0 RE	154.0	17.0	400	1067504004
NYY-O 4x6.0 RE	230.0	18.0	540	1067504006
NYY-O 4x10.0 RE	384.0	20.0	720	1067504010
NYY-O 4x16.0 RE	614.0	22.0	1050	1067504016
NYY-O 4x25.0 RM	960.0	27.0	1650	1067504025
NYY-O 4x35.0 RM	1344.0	30.0	1750	1067504035
NYY-O 4x50.0 RM	1920.0	30.0	2350	1067504050
NYY-O 4x70.0 RM	2688.0	33.0	3100	1067504070
NYY-O 4x95.0 RM	3648.0	38.0	4200	1067504095
NYY-O 4x120.0 RM	4608.0	42.0	5450	1067504120
NYY-O 4x150.0 RM	5760.0	47.0	6700	1067504150
NYY-O 5x4.0	192.0	18.0	500	1067505004
NYY-O 7x4.0	269.0	19.0	650	1067507004