

CC-power cable NYY-J-802

0,6/1kV

Conforms to the EC low voltage guideline 73/23/EEC CE



The CC-power cable NYY-J-802 is designed to be laid in power supply networks over, on, inside and under plaster in dry, damp and wet rooms as well as in brickwork and in concrete with the exception of cabling in shaken, vibrated and compressed concrete. This cable is suitable to be laid in water and underground. It is stable to UV radiation.

Construction

Bare, solid or multiple strands of copper wires, PVC core insulation, core colours acc. to VDE 0293 308, 3 cores or more with green/yellow protective conductor in the outer layer, cores twisted in layers. PVC outer sheath, flame retardant and self-extinguishing (acc. to VDE 0482, part 265-2-1 resp. EN 50265-2-1 and IEC 60332-1). Colour black.

Technical data

Rated voltage:
0,6/1 kV

Test voltage:
4000 V

Conductor stranding:
single or multiple copper strands
acc. to VDE 0295, class 1 or 2

Insulation resistance:
min. 100 MOhm × km

Temperature range:
fixed installation: -40°C to +70°C

Bending radius:
fixed installation: 12 × cable diameter

Approvals:
acc. to VDE 0276, part 603

Part-No.	No. of cores + cross-section	Copper weight kg/km	Outer diameter approx. mm	Weight kg/km	Part-No.	No. of cores + cross-section	Copper weight kg/km	Outer diameter approx. mm	Weight kg/km
NYJ-J					NYJ-J				
802 0015 003	3 G 1,5 RE	43,0	12,0	230	802 0160 004	4 G 16 RE	614,0	22,0	1100
802 0015 004	4 G 1,5 RE	58,0	13,0	260	802 0160 005	5 G 16 RE	768,0	24,0	1300
802 0015 005	5 G 1,5 RE	72,0	14,0	300					
802 0015 007	7 G 1,5 RE	101,0	15,0	360	802 0250 001	1G 25 RM	240,0	13,0	380
802 0015 010	10 G 1,5 RE	144,0	18,0	520	802 0250 003	3 G 25 RM	720,0	26,0	1350
802 0015 012	12 G 1,5 RE	173,0	19,0	560	803 0250 003	3 G 25 RM/16 RE	874,0	26,0	1350
802 0015 014	14 G 1,5 RE	202,0	20,0	620	802 0250 004	4 G 25 RM	960,0	27,0	1650
802 0015 016	16 G 1,5 RE	230,0	21,0	690	802 0250 005	5 G 25 RM	1200,0	30,0	2050
802 0015 019	19 G 1,5 RE	274,0	22,0	760					
802 0015 021	21 G 1,5 RE	302,0	22,0	830	802 0350 001	1 G 35 RM	336,0	14,0	490
802 0015 024	24 G 1,5 RE	346,0	24,0	950	802 0350 003	3 G 35 SM	1008,0	23,0	1350
802 0015 030	30 G 1,5 RE	432,0	26,0	1100	803 0350 003	3 G 35 SM/16 RE	1162,0	26,0	1750
802 0015 040	40 G 1,5 RE	576,0	28,0	1350	802 0350 004	4 G 35 RM	1344,0	30,0	2160
802 0015 052	52 G 1,5 RE	749,0	31,0	1450	802 0350 005	5 G 35 RM	1680,0	32,0	2600
802 0015 061	61 G 1,5 RE	878,0	33,0	1680					
					802 0500 001	1 G 50 RM	480,0	15,0	650
802 0025 003	3 G 2,5 RE	72,0	13,0	280	802 0500 003	3 G 50 SM	1440,0	26,0	1800
802 0025 004	4 G 2,5 RE	96,0	14,0	320	803 0500 003	3 G 50 SM/25 RM	1680,0	31,0	2450
802 0025 005	5 G 2,5 RE	120,0	15,0	365	802 0500 004	4 G 50 SM	1920,0	30,0	2350
802 0025 007	7 G 2,5 RE	168,0	16,0	450					
802 0025 010	10 G 2,5 RE	240,0	20,0	630	802 0700 001	1 G 70 RM	672,0	16,0	860
802 0025 012	12 G 2,5 RE	288,0	20,0	680	802 0700 003	3 G 70 SM	2016,0	30,0	2450
802 0025 014	14 G 2,5 RE	336,0	21,0	790	803 0700 003	3 G 70 SM/35 SM	2352,0	32,0	2900
802 0025 016	16 G 2,5 RE	384,0	22,0	870	802 0700 004	4 G 70 SM	2688,0	33,0	3250
802 0025 019	19 G 2,5 RE	456,0	23,0	990					
802 0025 021	21 G 2,5 RE	504,0	24,0	1050	802 0950 001	1 G 95 RM	912,0	19,0	1150
802 0025 024	24 G 2,5 RE	576,0	26,0	1400	802 0950 003	3 G 95 SM	2736,0	34,0	3350
802 0025 030	30 G 2,5 RE	720,0	28,0	1450	803 0950 003	3 G 95 SM/50 SM	3216,0	37,0	3900
802 0025 040	40 G 2,5 RE	960,0	31,0	1800	802 0950 004	4 G 95 SM	3648,0	38,0	4400
802 0025 052	52 G 2,5 RE	1248,0	35,0	2250					
					802 1200 001	1 G 120 RM	1152,0	20,0	1400
802 0040 003	3 G 4 RE	115,0	16,0	410	802 1200 003	3 G 120 SM	3456,0	36,0	4100
802 0040 004	4 G 4 RE	154,0	17,0	480	803 1200 003	3 G 120 SM/70 SM	4128,0	40,0	4900
802 0040 005	5 G 4 RE	192,0	18,0	550	802 1200 004	4 G 120 SM	4608,0	42,0	5450
802 0040 007	7 G 4 RE	269,0	19,0	670					
					802 1500 001	1 G 150 RM	1440,0	22,0	1700
802 0060 003	3 G 6 RE	173,0	16,0	460	802 1500 003	3 G 150 SM	4320,0	40,0	5000
802 0060 004	4 G 6 RE	230,0	18,0	590	803 1500 003	3 G 150 SM/70 SM	4992,0	44,0	5800
802 0060 005	5 G 6 RE	288,0	19,0	680	802 1500 004	4 G 150 SM	5760,0	47,0	6550
802 0060 007	7 G 6 RE	403,0	21,0	850					
					802 1850 001	1 G 185 RM	1776,0	24,0	2100
802 0100 001	1 G 10 RE	96,0	9,0	190	802 1850 003	3 G 185 SM	5328,0	45,0	6250
802 0100 003	3 G 10 RE	288,0	18,0	660	803 1850 003	3 G 185 SM/95 SM	6240,0	49,0	7300
802 0100 004	4 G 10 RE	384,0	20,0	790	802 1850 004	4 G 185 SM	7104,0	51,0	8200
802 0100 005	5 G 10 RE	480,0	21,0	930					
802 0100 007	7 G 10 RE	672,0	23,0	1200	802 2400 001	1 G 240 RM	2306,0	27,0	2650
					802 2400 003	3 G 240 SM	6912,0	51,0	8050
802 0160 001	1 G 16 RE	154,0	10,0	260	803 2400 003	3 G 240 SM/120 SM	8064,0	55,0	9400
802 0160 003	3 G 16 RE	461,0	20,0	900	802 2400 004	4 G 240 SM	9216,0	58,0	10650

Conductor markings RE, RM, SM refer to technical appendix