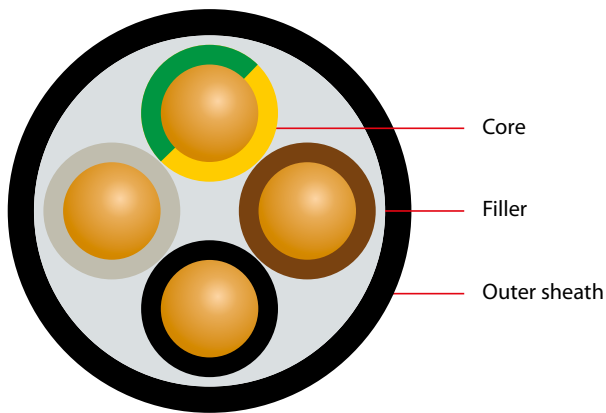


NYY-OZ/JZ 0.6/1 kV

acc. to VDE 0276-603



APPLICATION

Power cables for energy supply are installed outdoors, underground, in water, in concrete, indoors, in cable ducts, in power stations, for industry and distribution boards as well as in subscriber networks, where mechanical damage is not to be expected.

CONSTRUCTION

Conductor: copper, bare, single-wire or multi-wire

Core insulation: PVC DIV 4

Core identification: colours acc. to DIN VDE 0293

Core stranding: cores twisted to layers

Outer sheath: PVC DMV 5 flame retardant; colour: black

BEHAVIOUR UNDER FIRE CONDITIONS

Flame retardant: VDE 0482-332-1-2/IEC 60332-1

ELECTRICAL CHARACTERISTICS

Nominal voltage U_0 / U 0.6/1 kV

Test voltage 4 kV

THERMAL & MECHANICAL PROPERTIES

Temperature range during installation -5°C to +50°C

Temperature range stationary -40°C to +70°C

Bending radius single-wire 15 x Diameter

Bending radius multi-wire 12 x diameter

CONDUCTOR TYPES

(acc. to DIN VDE 0295)

RE round, single-wire

RM round, multi-wire

RMv round, multi-wire, compressed SM sectorial form, multi-wire

SMv sectorial form, multi-wire, compressed

No. of cores and cross section		Diameter approx. mm	Cable weight approx. kg/km	Copper index kg/km
NYY-OZ				
5 x 1.5	RE	13.2	270	72
7 x 1.5	RE	16.0	300	101
8 x 1.5	RE	14.2	334	115
10 x 1.5	RE	19.0	360	144
12 x 1.5	RE	19.0	400	173
14 x 1.5	RE	20.0	450	202
16 x 1.5	RE	21.0	500	230
19 x 1.5	RE	22.0	560	274
21 x 1.5	RE	23.0	620	302
24 x 1.5	RE	25.0	700	346
30 x 1.5	RE	26.0	810	432
40 x 1.5	RE	29.0	1050	576
5 x 2.5	RE	14.2	350	120
7 x 2.5	RE	17.0	420	168
8 x 2.5	RE	17.4	480	192
10 x 2.5	RE	20.0	500	240
12 x 2.5	RE	21.0	560	288
14 x 2.5	RE	21.0	630	336
16 x 2.5	RE	22.0	710	384
19 x 2.5	RE	23.0	830	456
21 x 2.5	RE	25.0	910	504
24 x 2.5	RE	27.0	1050	576
30 x 2.5	RE	28.0	1250	720
40 x 2.5	RE	31.0	1650	960
7 x 4	RE	19.0	630	269
10 x 4	RE	23.4	930	384
12 x 4	RE	24.1	1100	461
14 x 4	RE	25.0	1000	538
19 x 4	RE	27.7	1354	730

Subject to changes due to technical progress and error



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No. of cores and cross section		Diameter approx. mm	Cable weight approx. kg/km	Copper index kg/km	No. of cores and cross section	Diameter approx. mm	Cable weight approx. kg/km	Copper index kg/km
NYJ-JZ								
7 x 1.5	RE	16.0	300	101				
8 x 1.5	RE	14.2	334	115				
10 x 1.5	RE	19.0	360	144				
12 x 1.5	RE	19.0	400	173				
14 x 1.5	RE	20.0	450	202				
16 x 1.5	RE	21.0	500	230				
19 x 1.5	RE	22.0	560	274				
21 x 1.5	RE	23.0	620	302				
24 x 1.5	RE	25.0	700	346				
30 x 1.5	RE	26.0	810	432				
31 x 1.5	RE	27.0	834	446				
40 x 1.5	RE	29.0	1050	576				
52 x 1.5	RE	32.0	1400	749				
61 x 1.5	RE	34.0	1650	878				
7 x 2.5	RE	17.0	420	168				
10 x 2.5	RE	20.0	500	240				
12 x 2.5	RE	21.0	560	288				
14 x 2.5	RE	21.0	630	336				
16 x 2.5	RE	22.0	710	384				
19 x 2.5	RE	23.0	830	456				
21 x 2.5	RE	25.0	910	504				
24 x 2.5	RE	27.0	1050	576				
30 x 2.5	RE	28.0	1250	720				
40 x 2.5	RE	31.0	1650	960				
52 x 2.5	RE	35.0	2150	1248				
7 x 4	RE	19.0	630	269				
10 x 4	RE	23.0	930	384				
14 x 4	RE	25.0	1000	538				
18 x 4	RE	25.7	1181	691.2				
19 x 4	RE	28.0	1354	730				
7 x 6	RE	21.0	840	403				
14 x 6	RE	25.9	1354	806				
7 x 10	RE	23.0	1150	672				
7 x 25	RM	30.9	2403	1680				
7 x 35	RM	34.7	3191	2352				
7 x 50	RM	40.2	4287	3360				

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