We Make Modern Life Possible.



PVC AND RUBBER CABLES AND WIRES

NYM-J or NYM-O

PVC installation cable

For the fixed installation in dry and damp premises. Not suitable for unprotected installation in the open air or directly in tamped concrete.

TECHNICAL DATA

Standard
DIN VDE 0250-204

Certificate
VDE Germany

Test Voltage
2 kV / 50 Hz

Rated Voltage
300/500 V (Uo/U)

Bending radius (min.)
4 x Ø of cable

Fire properties
EN 60332-1-2: flame retardant and self-extinguishing
CPR classification: Eca

Core identification
HD 308 S2

Temperature range
Laying temperature: min. -5°C
Operating temperature: -40°C up to 70°C
Conductor temperature: max. 70°C
Short circuit temperature: max. 160°C

DESIGN



1. Copper conductor, round solid (RE) resp. round stranded (RM)
2. Core insulation (PVC)
3. Inner covering (EPDM)
4. Sheath (PVC grey RAL 7035 or special colour)

Number of cores x nominal cross-section (mm²)	Max. conductor resistance (Ω/km)	Fire load (kWh/m)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
2 x 1,5 RE	12.1	0.42	8.8	115
3 x 1,5 RE	12.1	0.44	8.5	120
4 x 1,5 RE	12.1	0.53	9.3	145
5 x 1,5 RE	12.1	0.58	10.2	170
7 x 1,5 RE	12.1	0.67	12.3	235
10 x 1,5 RE	12.1	1.05	14.3	330
12 x 1,5 RE	12.1	1.17	14.4	400
3 x 2,5 RE	7.41	0.58	9.9	165
4 x 2,5 RE	7.41	0.67	10.7	205
5 x 2,5 RE	7.41	0.72	11.7	245
7 x 2,5 RE	7.41	0.88	14.5	335
3 x 4 RE	4.61	0.72	10.8	265
4 x 4 RE	4.61	0.92	12.8	305
5 x 4 RE	4.61	1.11	13.9	370
5 x 6 RE	3.08	1.28	15.1	460
3 x 10 RE	1.83	1.28	14.7	465
4 x 10 RE	1.83	1.5	18.6	670
5 x 10 RE	1.83	1.83	20.2	800
1 x 16 RM	1.15	0.42	9.1	230
4 x 16 RM	1.15	1.86	19.2	1025
5 x 16 RM	1.15	2.31	23.6	1275
4 x 25 RM	0.727	2.89	24.0	1580
5 x 25 RM	0.727	3.42	28.5	1945

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

Natalia Dikovits
Sales
+43 (0) 1 70170-120
natalia.dikovits@skw.at

