



We Make Modern
Life Possible

INSTALLATION CABLES

NYM-J or NYM-O

PVC installation cable



TECHNICAL DATA



Standard
DIN VDE 0250-204



Certificate
VDE Germany



Test Voltage
2 kV / 50 Hz



Rated Voltage
300/500 V (U₀/U)



Bending radius (min.)
4 x Ø of cable



Fire properties
EN 60332-1-2: flame retardant
OPR 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



Copper conductor, round solid (RE) resp. round stranded (RM)



Core insulation (PVC)



Inner covering (EPDM)



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

CONTACT PERSON

Dogan Özcan
 Head of Technical Department
 +43 (0) 1 70170-154
 dogan.oezcan@skw.at

