

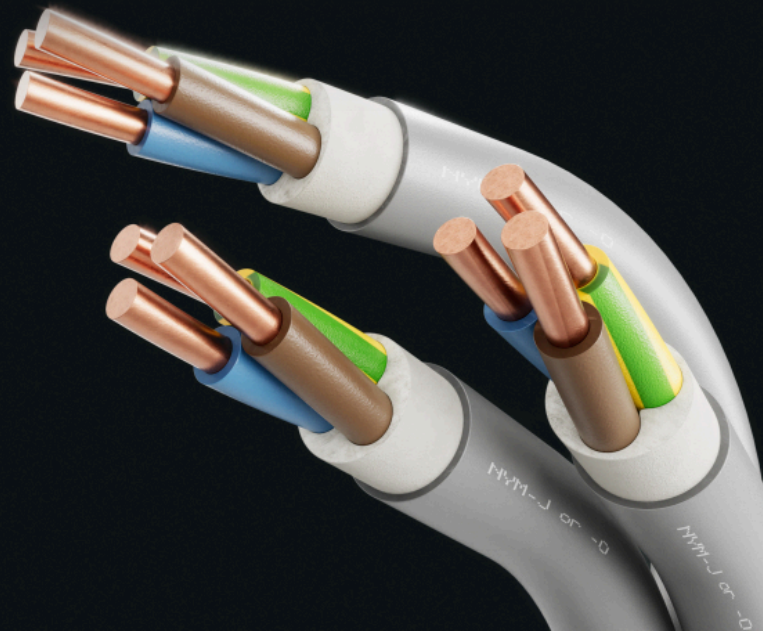


# NYM-J or NYM-O

## PVC installation cable

### INSTALLATION CABLES

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

<p><b>Standard</b> DIN VDE 0250-204</p>	<p><b>Rated Voltage</b> 300/500 V (U<sub>0</sub>/U)</p>	<p><b>Core identification</b> HD 308 S2</p>
<p><b>Certificate</b> VDE Germany</p>	<p><b>Bending radius (min.)</b> 4 x <math>\phi</math> of cable</p>	<p><b>Temperature range</b> Laying temperature: min. -5°C Operating temperature: -40°C up to 70°C Conductor temperature: max. 70°C Short circuit temperature: max. 160°C</p>
<p><b>Test Voltage</b> 2 kV / 50 Hz</p>	<p><b>Fire properties</b> EN 60332-1-2: flame retardant CPR classification: Eca</p>	

### 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 (mm <sup>2</sup> )	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

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