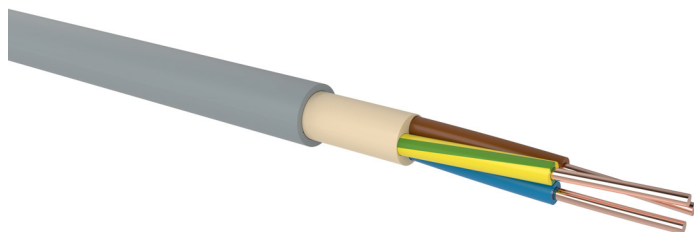


NYM-J or -O

PVC installation cable

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)

APPLICATION

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



Rated voltage:
300/500 V (U₀/U)



Test voltage:
2 kV / 50 Hz



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/5 s



Bending radius (min.):
4 x Ø of cable



Core identification:
HD 308 S2



Fire properties:
EN 60332-1-2: flame retardant
CPR classification: E_{ca}



Certificate:
VDE Germany

Number of cores x nominal cross-section (mm ²)	Max. conductor resistance (Ω/km)	Fire load (kWh/m)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
NYM-J or -O					
2 x 1.5 RE	12.1	0.42	8.8	115	100 R, 500 Sp
3 x 1.5 RE	12.1	0.44	8.5	120	100 R, 500 Sp
4 x 1.5 RE	12.1	0.53	9.3	145	100 R, 500 Sp
5 x 1.5 RE	12.1	0.58	10.2	170	100 R, 500 Sp
7 x 1.5 RE	12.1	0.67	12.3	235	1000 D
10 x 1.5 RE	12.1	1.05	14.3	330	500 Sp, 1000 Sp
12 x 1.5 RE	12.1	1.17	14.4	400	100 R, 500 Sp
3 x 2.5 RE	7.41	0.58	9.9	165	100 R, 500 Sp
4 x 2.5 RE	7.41	0.67	10.7	205	100 R, 500 Sp
5 x 2.5 RE	7.41	0.72	11.7	245	100 R, 500 Sp
7 x 2.5 RE	7.41	0.88	14.5	335	1000 D
3 x 4 RE	4.61	0.72	10.8	265	1000 D
4 x 4 RE	4.61	0.92	12.8	305	1000 D
5 x 4 RE	4.61	1.11	13.9	370	1000 D
5 x 6 RE	3.08	1.28	15.1	460	1000 D

NYM-J or -O

PVC installation cable

Number of cores x nominal cross-section (mm ²)	Max. conductor resistance (Ω/km)	Fire load (kWh/m)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/ packing (m)
NYM-J or -O					
3 x 10 RE	1.83	1.28	14.7	465	1000 D
4 x 10 RE	1.83	1.5	18.6	670	1000 D
5 x 10 RE	1.83	1.83	20.2	800	1000 D
1 x 16 RM	1.15	0.42	9.1	230	1000 D
4 x 16 RM	1.15	1.86	19.2	1025	1000 D
5 x 16 RM	1.15	2.31	23.6	1275	1000 D
4 x 25 RM	0.727	2.89	24.0	1580	1000 D
5 x 25 RM	0.727	3.42	28.5	1945	1000 D

Technical changes reserved. All figures are therefore without guarantee.

17.8.2022, 16:40