

NYM-J / NYM-O / (N)YM-J

PVC Installation cable



TECHNICAL DATA

PVC Installation cable

Temperature range	fixed -40°C to +70°C during installation +5°C to +70°C
Nominal voltage	AC U ₀ /U 300/500 V
Test voltage core/core	2000 V
Minimum bending radius	fixed 4x Outer-Ø

- Outer sheath: PVC acc. to DIN VDE 0207-363-4-1 / DIN EN 50363-4-1 (compound type TM1)
- Sheath colour: grey (RAL 7035)

TESTS

- flame-retardant acc. to DIN VDE 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2

APPLICATION

For industrial and domestic installations; suitable for dry, damp and wet environments; for installation above, on, in and under plaster as well as in masonry walls and in concrete, however not for direct embedding in vibration, compacted or tamped concrete. Suitable for outdoor installation as long as the cable is protected against direct sunlight.

NOTES

- re = round, solid conductor
- rm = round, stranded conductor
- the conductor is metrically (mm²) constructed, AWG numbers are approximated, and are for reference only

NYM-O acc. to DIN VDE 0250-204

Part no.	No. cores x cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km	Weight kg/km, approx.
39001	1 x 1.5 re	16	5.4	14.4	40.0
39006	2 x 1.5 re	16	8.7	29.0	170.0
39007	3 x 1.5 re	16	9.1	43.0	135.0
39009	4 x 1.5 re	16	9.8	58.0	160.0
39017	5 x 1.5 re	16	10.3	72.0	190.0
39023	7 x 1.5 re	16	11.5	101.0	235.0
39024	1 x 2.5 re	14	6.0	24.0	70.0
39008	3 x 2.5 re	14	10.4	72.0	190.0
39010	4 x 2.5 re	14	11.3	96.0	230.0
39018	5 x 2.5 re	14	12.0	120.0	270.0
39002	1 x 4 re	12	6.6	38.0	80.0
39011	4 x 4 re	12	13.0	154.0	330.0

Part no.	No. cores x cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km	Weight kg/km, approx.
39019	5 x 4 re	12	14.5	192.0	410.0
39003	1 x 6 re	10	7.2	58.0	105.0
39012	4 x 6 re	10	15.1	230.0	460.0
39020	5 x 6 re	10	16.1	288.0	540.0
39004	1 x 10 re	8	8.4	96.0	155.0
39013	4 x 10 re	8	17.6	384.0	680.0
39021	5 x 10 re	8	19.2	480.0	850.0
39005	1 x 16 rm	6	9.9	154.0	230.0
39014	4 x 16 rm	6	21.3	614.0	1048.0
39022	5 x 16 rm	6	23.4	768.0	1280.0
39015	4 x 25 rm	4	25.8	960.0	1649.0
39016	4 x 35 rm	2	28.5	1344.0	2000.0

NYM-J acc. to DIN VDE 0250-204

Part no.	No. cores x cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km	Weight kg/km, approx.
39050	1 G 1.5 re	16	5.4	14.4	40.0
39056	3 G 1.5 re	16	9.1	43.0	135.0
39058	4 G 1.5 re	16	9.8	58.0	160.0
39066	5 G 1.5 re	16	10.3	72.0	190.0
39072	7 G 1.5 re	16	11.5	101.0	235.0
39055	1 G 2.5 re	14	6.0	24.0	70.0
39057	3 G 2.5 re	14	10.4	72.0	190.0

Part no.	No. cores x cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km	Weight kg/km, approx.
39059	4 G 2.5 re	14	11.3	96.0	230.0
39067	5 G 2.5 re	14	12.0	120.0	270.0
39075	7 G 2.5 re	14	13.2	168.0	342.0
39051	1 G 4 re	12	6.6	38.0	80.0
39074	3 G 4 re	12	12.0	115.0	258.0
39060	4 G 4 re	12	13.0	154.0	330.0
39068	5 G 4 re	12	14.5	192.0	410.0

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Part no.	No. cores x cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km	Weight kg/km, approx.
39052	1 G 6 re	10	7.2	58.0	105.0
39078	3 G 6 re	10	13.0	173.0	320.0
39061	4 G 6 re	10	15.1	230.0	460.0
39069	5 G 6 re	10	16.1	288.0	540.0
39053	1 G 10 re	8	8.4	96.0	155.0
39062	4 G 10 re	8	17.6	384.0	680.0
39070	5 G 10 re	8	19.2	480.0	850.0

Part no.	No. cores x cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km	Weight kg/km, approx.
39054	1 G 16 rm	6	9.9	154.0	230.0
39063	4 G 16 rm	6	21.3	614.0	1048.0
39071	5 G 16 rm	6	23.4	768.0	1280.0
39064	4 G 25 rm	4	25.8	960.0	1649.0
39073	5 G 25 rm	4	28.7	1200.0	1970.0
39065	4 G 35 rm	2	28.5	1344.0	2000.0

(N)YM-J in alignment with DIN VDE 0250-204

Part no.	No. cores x cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km	Weight kg/km, approx.
39076	10 G 1.5 re	16	13.8	144.0	330.0
39077	12 G 1.5 re	16	14.4	173.0	405.0

Part no.	No. cores x cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km	Weight kg/km, approx.
39080	12 G 2.5 re	14	15.4	288.0	660.0
39079	1 G 25 rm	4	12.0	240.0	325.0

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