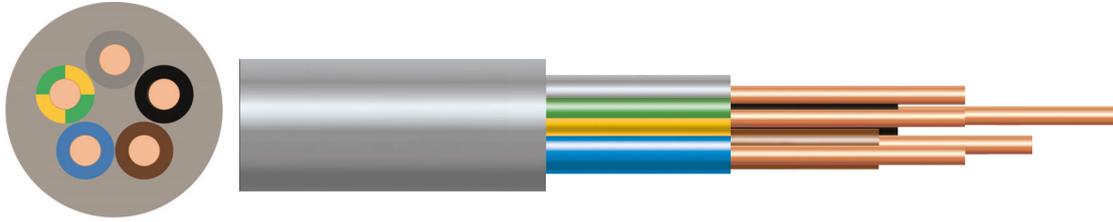


NYM-J & NYM-O PVC CABLE



NYM-J & NYM-O PVC wiring cable suitable for internal fixed installations in domestic, commercial, or industrial settings, including dry, damp, or wet environments, and direct embedding into concrete. Not suitable for installation in direct sunlight without additional protection.

Designed for both indoor and outdoor use, the cable is suitable for industrial or domestic applications, including dry, moist, or wet open areas such as under plaster and in concrete. However, it is not suitable for exposure to direct sunlight

CONDUCTOR	Plain Copper
STRANDING	Class 2
INSULATION	PVC
OUTERSHEATH	PVC
OUTERSHEATH COLOUR	Grey
RATED VOLTAGE	500V
CORE IDENTIFICATION	3 core: Green/Yellow, Blue, Brown 4 core: Green/Yellow, Brown, Black and Grey 5 Core: Green/Yellow, Blue, Brown, Black and Grey 7 core: Numbered
MINIMUM BENDING RADIUS	Single Core: 7.5 x overall diameter Multicore: 4 x overall diameter
OPERATING TEMPERATURE	Flexible: -5Â°C to +70Â°C Fixed: -40Â°C to +70Â°C
STANDARDS	DIN VDE 0281-1, UNE 21031-4, HD 21.4S2, IEC 60227-4, DIN VDE 0295, EN 60228, IEC 227- 4 MOD, VDE 0250-204 Flame Retardant according to IEC/EN 60332-1-2
APPROVALS	

SPECIFICATION DATA

NYM-J

BATT Part No	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
16842	3	1.5	8.5	121
16944	3	2.5	9.95	174
16910	3	4	11.8	258
16001	3	6	13	337
16845	4	1.5	9.8	160
16846	4	2.5	11.05	218
16911	5	1.5	10.6	187
16912	5	2.5	11.95	255
16913	5	4	14.2	379
16914	5	6	15.7	501
16002	5	10	18.8	771
16915	7	1.5	12.5	269
16916	7	2.5	12.8	320

NYM-O

BATT Part No	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
24002	2	1.5	8.2	152
16943	3	1.5	8.5	121

ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm ²	RESISTANCE AT 20°C Ω/km	CURRENT RATING A - In air at 30°C	CURRENT RATING A - In pipe in air at 30°C
1.5	12.1	17.5	15
2.5	7.41	24	20
4	4.61	32	27
6	3.08	41	34
10	1.83	57	46
16	1.15	76	62
25	0.727	96	80
35	0.524	119	99

The information in this datasheet is for guidance only and subject to change without liability. Images provided are representations; actual cable dimensions may vary due to manufacturing tolerances.

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