

(N)YM-J



Application

For industrial- and wiring purposes. Usable in the open, in dry, damp and wet environments in the open and concealed, as well as in masonry and in beton, not suitable for imbedding in solidified or compressed concrete.

Outdoor usage is only possible, as long as the cable is protected against direct sunlight.

The materials used are free from silicon and cadmium and free from varnish damaging substances.

Standards

YM: ÖVE / ÖNORM E 8242

NYM: DIN VDE 0250-204:2000-12, self-extinguishing and flame-retardant to VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor	solid bare copper conductor to DIN VDE 0295 cl. 1, BS 6360 cl. 1 and IEC 60228 cl. 1
Core Insulation	Polyvinyl chloride (PVC)
Core Color	acc. HD 308 S2
Stranding Elements	ores stranded in layers with optimal laylength
Inner Sheath Material	Filler
Outer Insulation Material	Polyvinyl chloride (PVC) TM1, to DIN VDE 0281 part 1

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Technical Data

Nominal Voltage	U ₀ /U: 300 /500 kV
Nominal Volatage DC	U ₀ /U: 0 /0
Test Voltage	2000 V
Bending Radius moved (xD)	15
Bending Radius fixed (xD)	4
Operating Temperature solid	-40 °C bis 70 °C
Operating Temperature moving	5 °C bis 70 °C
Fire Classes	Eca

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Prod. Nr.	Option	Dimensions	Color	Weight (kg/km) approx.	Outer-Diameter (mm) approx.	Calorific potential (kWh/m)
Prod. Nr.	Option	Dimensions	Color	Weight (kg/km) approx.	Outer-Diameter (mm) approx.	Calorific potential (kWh/m)
00201045	J	1 x 1,5	grey - grey	40,0	5,4	0,17
00201056	J	1 x 2,5	grey - grey	70,0	6,0	0,22
00201060	J	1 x 4	grey - grey	80,0	6,6	0,25
00201061	J	1 x 6	grey - grey	105,0	7,2	0,28
00201062	J	1 x 10 re	grey - grey	155,0	8,4	0,36
00201063	J	1 x 16 rm	grey - grey	230,0	9,9	0,42
00201064	VDE-J	1 x 25 rm	grey - grey	325,0	12,0	0,58
00201013	J	3 x 1,5	grey - grey	115,0	9,5	0,44
00201070	J	3 x 1,5	red - red	115,0	9,5	0,44
00201021	J	3 x 2,5	grey - grey	152,0	10,4	0,58
00201055	J	3 x 2,5	red - red	152,0	10,4	0,58
00201026	J	3 x 4	grey - grey	242,0	11,5	0,72
00201057	J	3 x 6	grey - grey	340,0	13,5	0,92
00201066	J	4 x 1,5	grey - grey	130,0	9,6	0,53
00201074	J	4 x 2,5	grey - grey	182,0	11,2	0,67
00201075	J	4 x 4	grey - grey	282,0	13,2	1,11
00201078	J	4 x 6	grey - grey	420,0	14,8	1,08
00201082	J	4 x 10 rm	grey - grey	710,0	17,8	1,50
00201086	VDE-J	4 x 16 rm	grey - grey	1.000,0	21,8	1,86
00201089	VDE-J	4 x 25 rm	grey - grey	1.650,0	26,0	2,89
00201105	VDE-J	4 x 35 rm	grey - grey	2.090,0	25,7	3,28
00201039	J	5 x 1,5	grey - grey	156,0	10,3	0,58
00201024	J	5 x 2,5	grey - grey	225,0	12,1	0,75
00201029	J	5 x 4	grey - grey	335,0	14,7	1,11

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00201031	J	5 x 6	grey - grey	510,0	16,1	1,28
00201036	J	5 x 10 rm	grey - grey	870,0	19,3	1,83
00201088	J	5 x 16 rm	grey - grey	1.250,0	24,2	2,31
00201097	VDE-J	5 x 25 rm	grey - grey	1.990,0	26,0	3,42
00201102	J	5 x 35 rm	grey - grey	2.160,0	33,5	
00201017	J	7 x 1,5	grey - grey	225,0	11,3	0,67
00201025	J	7 x 2,5	grey - grey	315,0	14,5	0,88
00201019	J	10 x 1,5	grey - grey	305,0	14,7	1,05
00201020	J	12 x 1,5	grey - grey	335,0	16,0	1,17
00201090	J	12 x 2,5	grey - grey	660,0	15,4	