



USE OF CABLE

Installation cable with improved burning behaviour for use in fire vulnerable areas and areas with high concentration of people and property values for fixed laying on-wall and in-wall, in dry, humid and wet rooms, in brickwork and concrete exceptional in cast, vibrated or rammed concrete.



SPECIAL FEATURES

- halogen-free cable with minimal production of smoke
- no corrosive or toxic gas
- free from lacquer damaging substances and silicone (during production)

REMARKS

- conform to RoHS
- conform to 2006/95/EC-Guideline CE.
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.

PRODUCT INFORMATION

Conductor material:	Bare copper conductor
Conductor class:	Acc. to DIN VDE 0295 class 1 or 2 resp. IEC 60228 class 1 or 2
Core insulation:	Cross-linked polymer
Core identification:	Acc. to VDE 0293-308
Stranding:	Cores stranded in layers
Inner sheath material:	Halogen-free filler sheath
Outer sheath:	Halogen-free special compound
Sheath colour:	Grey
Rated voltage:	Uo/U: 300/500 V
Testing voltage:	2 kV
Conductor resistance:	At +20 °C acc. to DIN VDE 0295 class 1 or 2 resp. IEC 60228 class 1 or 2
Current-carrying-capacity:	Acc. to DIN VDE, see Technical Guidelines
Min. bending radius fixed:	4 x d
Operat. temp. fixed min/max:	-30 °C / +70 °C
Operat. temp. moved min/max:	- 5 °C / +50 °C
Temp. at conductor:	+ 70 °C in operation; +250 °C in case of short-circuit
Burning behavior:	Acc. to VDE E 0482-332-10 and IEC 60332-3 smoke tightness acc. to DIN VDE 0472 part 816 test C and IEC 61034-1 corrodibility acc. to VDE 0472 part 813
Standard:	Acc. to DIN VDE 0250 part 214
Approvals:	VDE

ITEM OVERVIEW

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1002492	1 X 1,5re	5,6	14,40	48,00	grey	V1: NHXMH-J
5000377	1 X 2,5re	6,2	24,00	61,00	grey	V1: NHXMH-J
5000998	1 X 4re	6,8	39,00	79,00	grey	V1: NHXMH-J
5000204	1 X 6re	7,4	59,00	112,00	grey	V1: NHXMH-J
5000192	1 X 10re	8,4	96,00	160,00	grey	V1: NHXMH-J
5000193	1 X 16rm	9,8	154,00	230,00	grey	V1: NHXMH-J
5000194	3 X 1,5re	9,2	43,00	130,00	grey	V1: NHXMH-J
4000414	3 X 2,5re	10,0	72,00	168,00	grey	V1: NHXMH-J
1001644	3 X 4re	11,2	115,00	234,00	grey	V1: NHXMH-J
5000999	3 X 6re	12,8	173,00	319,00	grey	V1: NHXMH-J
5001000	3 X 10re	15,4	288,00	494,00	grey	V1: NHXMH-J
5001001	3 X 16rm	18,0	461,00	740,00	grey	V1: NHXMH-J
5001002	3 X 25rm	22,4	720,00	1154,00	grey	V1: NHXMH-J
5001003	3 X 35rm	25,0	1008,00	1513,00	grey	V1: NHXMH-J
5000195	4 X 1,5re	9,8	58,00	152,00	grey	V1: NHXMH-J
5000343	4 X 2,5re	10,6	96,00	201,00	grey	V1: NHXMH-J
5000198	4 X 4re	12,6	154,00	296,00	grey	V1: NHXMH-J
5000380	4 X 6re	13,8	230,00	388,00	grey	V1: NHXMH-J
5000199	4 X 10re	16,6	384,00	606,00	grey	V1: NHXMH-J
1002497	4 X 16rm	19,4	614,00	917,00	grey	V1: NHXMH-J
5001004	4 X 25rm	24,4	960,00	1435,00	grey	V1: NHXMH-J
5000919	4 X 35rm	27,2	1344,00	1887,00	grey	V1: NHXMH-J
5000200	5 X 1,5re	10,4	72,00	177,00	grey	V1: NHXMH-J
5000201	5 X 2,5re	11,6	120,00	241,00	grey	V1: NHXMH-J
5000202	5 X 4re	13,6	192,00	352,00	grey	V1: NHXMH-J

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
5000203	5 X 6re	15,4	288,00	485,00	grey	V1: NHXMH-J
1002496	5 X 10re	18,0	480,00	731,00	grey	V1: NHXMH-J
5000774	5 X 16rm	22,2	768,00	1168,00	grey	V1: NHXMH-J
5001005	5 X 25rm	26,6	1200,00	1743,00	grey	V1: NHXMH-J
5001006	5 X 35rm	29,8	1680,00	2338,00	grey	V1: NHXMH-J
5000205	7 X 1,5re	11,2	101,00	220,00	grey	V1: NHXMH-J
4000418	7 X 2,5re	12,8	168,00	311,00	grey	V1: NHXMH-J
5001007	10 X 1,5re	14,0	144,00	342,00	grey	V1: NHXMH-J
5000378	12 X 1,5re	14,8	173,00	391,00	grey	V1: NHXMH-J
5001008	16 X 1,5re	16,2	230,00	477,00	grey	V1: NHXMH-J
5001009	21 X 1,5re	17,6	302,00	582,00	grey	V1: NHXMH-J
5001010	24 X 1,5re	19,2	346,00	698,00	grey	V1: NHXMH-J
1002494	30 X 1,5re	20,8	432,00	837,00	grey	V1: NHXMH-J
1002499	1 X 1,5re	5,6	14,40	48,00	grey	V2: NHXMH-O
5001011	1 X 2,5re	6,2	24,00	61,00	grey	V2: NHXMH-O
5001012	1 X 4re	6,8	39,00	79,00	grey	V2: NHXMH-O
5001013	1 X 6re	7,4	59,00	112,00	grey	V2: NHXMH-O
5001014	1 X 10re	8,4	96,00	160,00	grey	V2: NHXMH-O
5001015	1 X 16rm	9,8	154,00	230,00	grey	V2: NHXMH-O
5000771	2 X 1,5re	8,8	29,00	113,00	grey	V2: NHXMH-O
5001016	2 X 2,5re	9,6	48,00	145,00	grey	V2: NHXMH-O
5001017	2 X 4re	10,8	77,00	196,00	grey	V2: NHXMH-O
5001018	2 X 6re	11,8	115,00	252,00	grey	V2: NHXMH-O
5001019	2 X 10re	14,2	192,00	385,00	grey	V2: NHXMH-O
5001020	2 X 16rm	17,0	307,00	589,00	grey	V2: NHXMH-O
5001021	2 X 25rm	20,8	480,00	903,00	grey	V2: NHXMH-O
5001022	2 X 35rm	23,6	672,00	1197,00	grey	V2: NHXMH-O
5000247	3 X 1,5re	9,2	43,00	130,00	grey	V2: NHXMH-O
5000248	3 X 2,5re	10,0	72,00	168,00	grey	V2: NHXMH-O
5000251	3 X 4re	11,2	115,00	234,00	grey	V2: NHXMH-O
5000252	3 X 6re	12,8	173,00	319,00	grey	V2: NHXMH-O
5000255	3 X 10re	15,4	288,00	494,00	grey	V2: NHXMH-O
5000257	3 X 16rm	18,0	461,00	740,00	grey	V2: NHXMH-O
5000262	3 X 25rm	22,4	720,00	1154,00	grey	V2: NHXMH-O
5000278	3 X 35rm	25,0	1008,00	1513,00	grey	V2: NHXMH-O
5000279	4 X 1,5re	9,8	58,00	152,00	grey	V2: NHXMH-O
5000280	4 X 2,5re	10,6	96,00	201,00	grey	V2: NHXMH-O
5000281	4 X 4re	12,6	154,00	296,00	grey	V2: NHXMH-O
5000282	4 X 6re	13,8	230,00	388,00	grey	V2: NHXMH-O
5000283	4 X 10re	16,6	384,00	606,00	grey	V2: NHXMH-O
5000287	4 X 16rm	19,4	614,00	917,00	grey	V2: NHXMH-O
5000288	4 X 25rm	24,4	960,00	1435,00	grey	V2: NHXMH-O
5000291	4 X 35rm	27,2	1344,00	1887,00	grey	V2: NHXMH-O
5000294	5 X 1,5re	10,4	72,00	177,00	grey	V2: NHXMH-O
5000296	5 X 2,5re	11,6	120,00	241,00	grey	V2: NHXMH-O
5000298	5 X 4re	13,6	192,00	352,00	grey	V2: NHXMH-O
5000299	5 X 6re	15,4	288,00	485,00	grey	V2: NHXMH-O
5000300	5 X 10re	18,0	480,00	731,00	grey	V2: NHXMH-O
5000301	5 X 16rm	22,2	768,00	1168,00	grey	V2: NHXMH-O

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5000302	5 X 25rm	26,6	1200,00	1743,00	grey	V2: NHXMH-O
5000303	5 X 35rm	29,8	1680,00	2338,00	grey	V2: NHXMH-O
5000305	7 X 1,5re	11,2	101,00	220,00	grey	V2: NHXMH-O
5000306	7 X 2,5re	12,8	168,00	311,00	grey	V2: NHXMH-O
5000308	10 X 1,5re	14,0	144,00	342,00	grey	V2: NHXMH-O
5000311	12 X 1,5re	14,8	173,00	391,00	grey	V2: NHXMH-O
5000341	16 X 1,5re	16,2	230,00	477,00	grey	V2: NHXMH-O
5000425	21 X 1,5re	17,6	302,00	582,00	grey	V2: NHXMH-O
5000426	24 X1,5re	19,2	346,00	698,00	grey	V2: NHXMH-O
5000427	30 X 1,5re	20,8	432,00	837,00	grey	V2: NHXMH-O