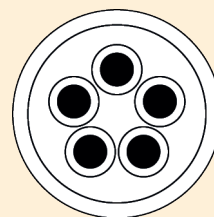
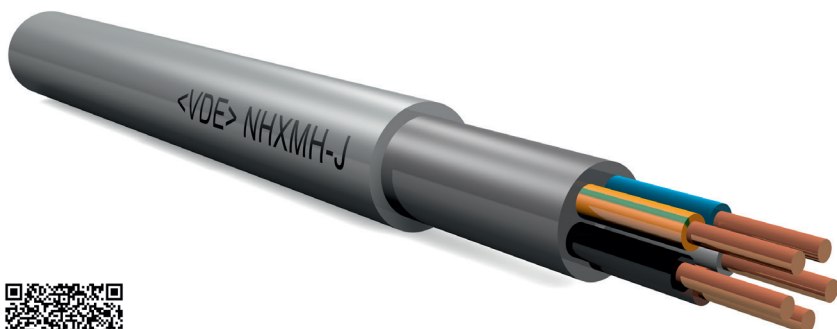


NHXMH

LSOH building wire

RoHS

CROSS SECTION



Acc. to DIN 0250 part 214

APPLICATION

For laying over, on, in and under plastered surfaces, in dry, damp and wet rooms, as well as in brickwork and concrete. Not suitable for direct embedding in shake, vibrated or tamped concrete.
 For installation in buildings with high concentrations of people and/or material assets. These cables have also been approved for outdoor use providing they are protected against direct sunlight.
 Special features: these Halogen free cables have minimum smoke emissions. No corrosive and toxic gases are discharged. If exposed to fire, they prevent this from spreading.

STRUCTURE

Conductor	Bare copper conductor, RE or RM design according to DIN VDE 0250 part 214; joint core covering, flame-retardant, Halogen free polymer compound
Cores	Insulation made from a Halogen free, cross-linked polyethylene compound
Outer sheath	Made from cross-linked polyethylene

TECHNICAL DATA

Nominal voltage	300 V/500 V
Test voltage	2000 V
Operating temperature	-30°C to +70°C
Max. operating temperature	+70°C
Min. installation temperature	-5°C
Max. installation temperature	+50°C
Min. bending radius	Single-cored 15 x, multi-cored 10 x cable diameter

TESTS ACCORDING TO DIN VDE 0472 AND IEC:

Flammability	Test method C according to VDE 0472 part 804 and IEC 332-1
Halogen free nature	According to VDE 0472 part 815
Corrosiveness of combustion gases	According to VDE 0472 part 813
Smoke density	Test method C according to VDE 0472 part 816 and IEC 1034-1
Ozone resistance	According to VDE 0472 part 805

SPECIAL FEATURES

Properties
 Halogen free
 Minimum smoke emission

Sheath colour
 Grey

Product description	Cu weight	Outer Ø (mm)	Weight (kg/km)	Fire load (kWh/m)	Product number
NHXMH-J 1x1.5 RE	15.0	8.8	87	0.33	2575101
NHXMH-J 1x2.5 RE	24.0	9.4	105	0.36	2575102
NHXMH-J 1x4.0 RE	39.0	10.0	128	0.42	2575103
NHXMH-J 1x6.0 RE	58.0	10.5	152	0.44	2575104
NHXMH-J 1x10 RE	96.0	12.0	204	0.53	2575105
NHXMH-J 1x16 RM	154.0	13.5	280	0.64	2575106
NHXMH-J 2x1.5 RE	29.0	9.4	105	0.33	2575107
NHXMH-J 2x2.5 RE	48.0	10.5	124	0.42	2575108
NHXMH-J 3x1.5 RE	43.0	9.8	124	0.42	2575109
NHXMH-J 3x2.5 RE	72.0	11.0	157	0.47	2575110
NHXMH-J 3x4.0 RE	115.0	12.5	223	0.61	2575111
NHXMH-J 3x6.0 RE	173.0	14.0	304	0.78	2575112
NHXMH-J 3x10 RE	288.0	16.5	456	1.10	2575113
NHXMH-J 4x1.5 RE	58.0	10.5	143	0.47	2575116
NHXMH-J 4x2.5 RE	96.0	11.5	190	0.56	2575117
NHXMH-J 4x4.0 RE	154.0	14.0	285	0.78	2575118
NHXMH-J 4x6.0 RE	230.0	15.5	375	0.94	2575119
NHXMH-J 4x10 RE	384.0	18.0	565	1.30	2575120
NHXMH-J 4x16 RM	615.0	22.5	888	1.80	2575121
NHXMH-J 4x25 RM	960.0	28.0	1349	2.60	2575130
NHXMH-J 4x35 RM	1344.0	31.0	1815	3.10	2575131
NHXMH-J 5x1.5 RE	72.0	11.5	166	0.56	2575122
NHXMH-J 5x2.5 RE	120.0	12.5	223	0.64	2575123
NHXMH-J 5x4.0 RE	192.0	15.5	332	0.98	2575124
NHXMH-J 5x6.0 RE	288.0	16.5	456	1.10	2575125
NHXMH-J 5x10 RE	480.0	19.5	675	1.50	2575126
NHXMH-J 5x16 RM	768.0	25.0	1083	2.20	2575127
NHXMH-J 7x1.5 RE	101.0	12.0	200	0.64	2575128
NHXMH-J 7x2.5 RE	168.0	14.0	285	0.81	2575129