

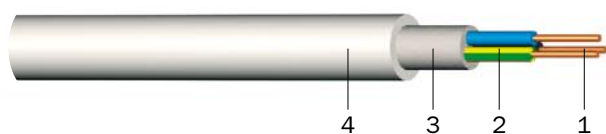
# NHXMH

## Installation cable

Standard: DIN VDE 0250-214

### Usage:

As installation cable for fixed installation over, on, in and under plaster, in dry, damp and wet premises and in masonry and also in the open air but not for direct burial. Since they are free from halogens and exhibit enhanced fire performance, these cables are used in those applications where in the event of fire, the negative effects on concentrations of people and valuable material goods must be minimised.



### Construction:

- 1 Copper conductor, round solid (RE) resp. round stranded (RM)
- 2 Core insulation (XLPE)
- 3 Inner covering (halogen-free polymer compound)
- 4 Sheath (halogen-free polyolefin compound, grey)



**Rated voltage:** 450/750 V



**Test voltage:** 2500 Veff



### Temperature range:

laying temperature: min. -5 °C  
 operating temperature: -20 °C to +80 °C  
 conductor temperature: max. +90 °C  
 short-circuit temperature: max. +250 °C/5 s



**Bending radius (min.):** 4 x Ø of wire



### Core identification:

black (sw), blue (bl), brown (br), green/yellow (gng), grey (gr)



### Fire properties:

flame retardant (EN 50265-2-1, IEC 60332-1)  
 halogen-free, no corrosive combustion gases (EN 50267, IEC 60754-2)  
 minimum smoke emission (EN 50268, IEC 61034)



**Test certificate:** ÖVE Austria

Number of cores x nominal cross section (mm <sup>2</sup> )	Max. conductor resistance (Ω/km)	Outer diameter (mm) ca.	Metal weight (kg/km)	Total weight (kg/km) ca.	Standard lengths/packing (m)
<b>NHXMH</b>					
2 x 1.5 RE	12.100	9.1	30	124	500 T, 1000 T
3 x 1.5 RE	12.100	9.5	45	139	500 T, 1000 T
4 x 1.5 RE	12.100	10.1	60	161	500 T, 1000 T
5 x 1.5 RE	12.100	10.8	75	186	500 T, 1000 T
2 x 2.5 RE	7.410	9.9	50	157	500 T, 1000 T
3 x 2.5 RE	7.410	10.3	75	180	500 T, 1000 T
4 x 2.5 RE	7.410	11.1	100	214	500 T, 1000 T
5 x 2.5 RE	7.410	11.9	125	249	500 T, 1000 T
3 x 4 RE	4.610	11.8	120	251	500 T, 1000 T
4 x 4 RE	4.610	13.1	160	312	500 T, 1000 T
5 x 4 RE	4.610	14.5	200	381	500 T, 1000 T
3 x 6 RE	3.080	13.3	173	341	500 T, 1000 T
4 x 6 RE	3.080	14.7	240	427	500 T, 1000 T
5 x 6 RE	3.080	15.9	300	490	500 T, 1000 T
3 x 10 RE	1.830	15.8	300	519	500 T, 1000 T

## NHXMH

Number of cores x nominal cross section (mm <sup>2</sup> )	Max. conductor resistance (Ω/km)	Outer diameter (mm) ca.	Metal weight (kg/km)	Total weight (kg/km) ca.	Standard lengths/packing (m)
<b>NHXMH</b>					
4 x 10 RE	1.830	17.1	400	623	500 T, 1000 T
5 x 10 RE	1.830	18.2	500	734	500 T, 1000 T
4 x 16 RM	1.150	20.3	640	946	500 T, 1000 T
5 x 16 RM	1.150	22.5	800	1,118	500 T, 1000 T
4 x 25 RM	0.727	25.1	1,000	1,439	500 T, 1000 T
4 x 35 RM	0.524	28.5	1,400	1,880	500 T, 1000 T
7 x 1.5 RE	12.100	11.6	105	226	500 T, 1000 T
10 x 1.5 RE	12.100	14.0	150	325	500 T, 1000 T
12 x 1.5 RE	12.100	15.0	180	361	500 T, 1000 T
7 x 2.5 RE	7.410	14.0	175	339	500 T, 1000 T

Subject to technical changes.