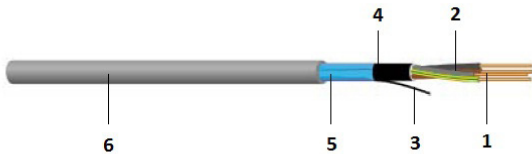


## (N)HXM(St)H

Shielded power cable, 300/500V

halogen-free, with improved fire characteristics,  
VDE 0250-214



- 1 Conductor: solid/stranded
- 2 Insulation: cross-linked PE, zero halogen
- 3 Drain wire: tinned copper
- 4 Filler: flame retardant, zero halogen
- 5 Shielding: Al-laminated tape
- 6 Sheath: FRNC/LSZH



### Description

For permanent installation in dry, damp or wet areas, on or behind plasterwork or in walls or concrete, except for direct embedding in cast, rammed or vibrated concrete.

Also suitable for outdoor applications.

Permitted operating temperature at conductor of +70°C.

### Costruzione

Colori delle anime	CENELEC HD 308 S2, VDE 0293
Conduttore	Bare copper, solid or stranded, IEC 60228 and EN 60228 (VDE 0295)
Isolamento	Cross-linked Polyethylene, CENELEC HD 604 S1 and VDE 0276-604 "2X11"
Outer sheath material	Polyolefin compound, VDE 0250-214 "HM2"
Riempitrice	Halogen-free compound
Shielding	Al-laminated tape with tinned copper drain wire

### Proprietà generali

Impronta	On request
Installation temperature	5 °C - +50 °C
Integrità del circuito	No
Integrità dell'isolamento	No
Operating temperature	-40 °C - +90 °C

## Proprietà meccaniche

Curvatura minima durante l'installazione (multicore)	6 x D
Minimum bending radius permanent (multi core)	4 x D

## Standards

Zero halogen no corrosive gases	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2, AREI-RGIE Art.104-SA
Flame Propagation	AREI-RGIE Art.104-F1, EN 60332-1-2, IEC 60332-1-2, VDE 0482-332-1-2
Flame Spread	IEC 60332-3-24, EN 60332-3-24, AREI-RGIE Art.104-F2
Smoke Density	IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2, AREI-RGIE Art.104-SD

## Nota

Additional dimensions available on request.

## Versions

Numero Materiale	Product	Numero di core	Diametro mm <sup>2</sup>	Diametro esterno della guaina [mm]	Tasso di CU [kg/km]	Weight [kg/km]	Fire load [kWh/m]	Conductor	Construction
1301193	(N)HXM(St)H-J 3 x 1.5/1.5	3	1.5/1.5	9	43	150	0,36	solid	LNPE
1301194	(N)HXM(St)H-J 3 x 2.5	3	2.5	10	72	150	0,42	solid	LNPE
1301212	(N)HXM(St)H-J 4 x 1.5/1.5	4	1.5/1.5	10	58	176	0,41	solid	2LNPE
1301213	(N)HXM(St)H-J 4 x 2.5/2.5	4	2.5/2.5	11	96	245	0,48	solid	2LNPE
1301214	(N)HXM(St)H-J 5 x 1.5	5	1.5	11	72	222	0,48	solid	3LNPE
1301195	(N)HXM(St)H-J 5 x 2.5	5	2.5	12	120	150	0,56	solid	3LNPE