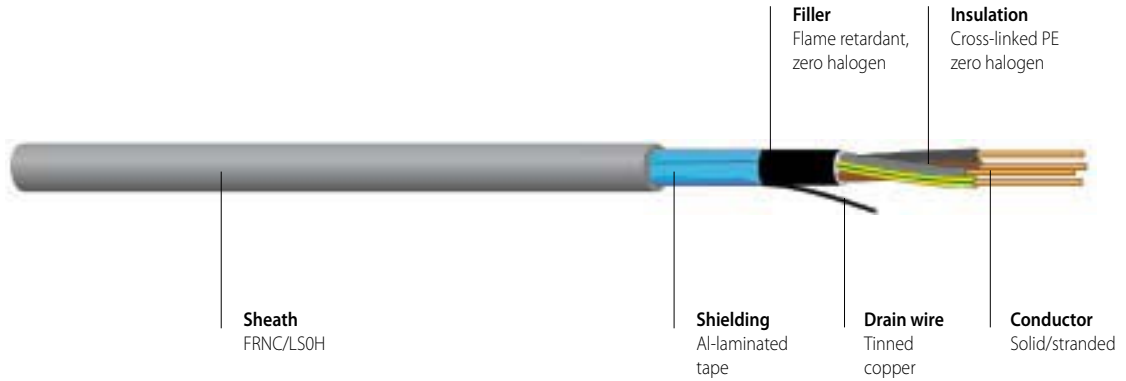


PREVENTIVE FIRE PROTECTION

(N)HXM(St)H

Shielded power cable 300/500V

Halogen free, with improved fire characteristics
VDE 0250-214



PRODUCT INFORMATION



APPLICATION

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.

CONSTRUCTION

Conductor	Bare copper, solid or stranded, IEC 60228, EN 60228, (VDE 0295)
Insulation	Cross-linked polyethylene, CENELEC HD 604 S1 and VDE 0276-604 "2X11"
Filler	Halogen-free compound
Shielding	Al-laminated tape with tinned copper drain wire
Outer sheath	Polyolefin compound, VDE 0250-214 "HM2"
Core colours	CENELEC HD 308 S2, (VDE 0293)
Sheath colour	Grey
Imprint	On request

TECHNICAL PROPERTIES

Nominal voltage	300/500V
Test voltage	2000V, 50Hz

GENERAL PROPERTIES

Minimum bending radius	permanent installation	4 x D (D = outer diameter)
	during installation	6 x D
Operating temperature	permanent installation	-40°C to +70°C
	during installation	+5°C to +50°C
Zero halogen		
non corrosive gases		IEC 60754-2, EN 50267-2-2, VDE 0482-267-2-2
Flame propagation		IEC 60332-1-2, EN 60332-1-2, VDE 0482-332-1-2
Flame spread		IEC 60332-3-24 Cat. C, EN 60332-3-24 Cat. C, VDE 0482-332-3-24 Cat. C
Smoke density		IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2

PRODUCT INFORMATION

Article No.	No. of cores x cross section				Cu content kg/km	Total weight app. kg/km	Outer diameter app. mm	Fire load app. kWh/m
	n x mm ²							
	2	x	1,5	RE	43	119	8,5	0,26
	2	x	2,5	RE	63	151	9,7	0,32
1301 193	3	x	1,5	RE	58	137	9,0	0,36
1301 194	3	x	2,5	RE	87	180	10,0	0,42
1301 212	4	x	1,5	RE	72	160	10,0	0,41
1301 213	4	x	2,5	RE	111	213	11,0	0,48
1301 214	5	x	1,5	RE	87	187	11,0	0,48
1301 195	5	x	2,5	RE	135	253	12,0	0,56

RE = circular, solid conductor
RM = circular, stranded conductor

Additional dimensions available on request.