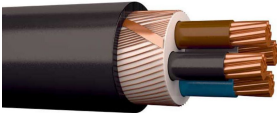


Installation cables max. 0,6/1kV

## N2XCH Afumex Plus 1 kV



### Application

Halogen-free, UV resistant, flame retardant and self-extinguishing Installation cable, low smoke. The cable is for fixed installation, indoors and outdoors, in pipes, ducts, concrete, soil and water. Must be installed acc. SB.

### Flame retardance

IEC 60332-1-2 - Vertical flame propagation for a single insulated wire or cable

### Standard

DIN VDE 0276-604  
EN 60228  
IEC 60754-1

IEC 60754-2

IEC 61034  
EN 50575:2014

Construction standard

Conductor standard

Test on gases evolved during combustion of electrical cables. Part 1: Determination of the amount of halogen acid gas.

Test on gases evolved during combustion of electrical cables. Part 2: Determination of degree of acidity of gases evolved during the combustion of materials taken from electric cables by measuring pH and conductivity.

Smoke density

Power, control and communication cables - Cables for general applications in construction works subject to reaction to fire requirements

### Construction

Cable Shape  
Conductors

Round  
Copper conductor acc. to IEC 60228

1,5 - 16 mm<sup>2</sup> solid copper conductor  
25 - 35 mm<sup>2</sup> stranded, round copper conductor  
50 - 240 mm<sup>2</sup> stranded, sector shaped copper conductor

Center conductor  
Conductor Insulation  
Outer Sheath

Copper wires  
XLPE  
Halogen free compound

### Temperature

Maximum operating Temperature max. 90°C  
Minimum operating Temperature for cable type min. - 40°C  
[°C]

Temperatures at installation [°C] min. -5°C to 50°C

## Features

CPR Performance class

Class Eca - DoP document acc. to conductor type:

Round - <http://qr.cprdop.org?extcode=1004716>

Sector - <http://qr.cprdop.org?extcode=1004717>

DoP search tool: <http://www.dop.prysmian.dk>

UV resistance

UV resistant

Additional Feature Information

HD 64364-5-52:2011 table B.52.12

Bending radius

10xD

REACH/SVHC declaration

Meet the demand for REACH

RoHS declaration

Meet the demand for RoHS

## Electrical

Max. short circuit temperature [°C]

250°C

Test Voltage [kV]

4 kV AC

Conductors and screen area [mm <sup>2</sup> ]	Diameter over sheath [mm]	Cable weight [kg/km]	Delivery Package	EAN/GTIN number
3x1,5 RE/1.5	13	240	T500	5701498016515
3x2,5 RE/2.5	14	290	T500	5701498016522
3x4 RE/4	15	370	T500	5701498016539
3x6 RE/6	16	460	T500	5701498016546
3x10 RE/10	19	660	T500	5701498016553
3x16 RE/16	21	920	T500	5701498016560
3x25 RM/16	26	1350	T500	5701498016577
3x35 RM/16	28	1700	T500	5701498016584
4x1,5 RE/1.5	14	270	T500	5701498016591
4x2,5 RE/2.5	15	330	T500	5701498016607
4x4 RE/4	16	420	T500	5701498016614
4x6 RE/6	17	530	T500	5701498016621
4x10 RE/10	20	770	T500	5701498016638
4x16 RE/16	22	1100	T500	5701498016645
4x25 RM/16	28	1600	T500	5701498016652
4x35 RM/16	30	2050	T500	5701498016669
4x50 SM/25	32	2550	T500	5701498016676
4x150 SM/70	50	7150	T500	5701498016713
4x70 SM/35	37	3550	T500	5701498016683
4x95 SM/50	41	4700	T500	5701498016690
4x120 SM/70	46	6000	T500	5701498016706
4x185 SM/95	55	9000	T500	5701498016720
4x240 SM/120	61	11650	T500	5701498016737