



Fixed, flame retardant non-corrosive power cable for different application areas

Product Description



Application Range

- Low smoke halogen free power cable
- As a fixed installation power and control cable
- For indoor and outdoor use
- In concrete

Design

- Conductor of bare copper wires
- Core insulation: XLPE
- Copper concentric conductor
- FRNC compound based outer sheath

Product features

- Flame retardant according to IEC 60332-3-24
- Smoke density to DIN EN 61034/IEC 61034
- Halogen free to DIN EN 50267/IEC 60754
- UV resistant



Technical Data

Core identification code

Up to 5 cores: according to VDE 0293-308, 6 cores and above: Black cores with white numbers

Rated voltage

U₀/U: 0.6/1.0kV

Test voltage

4000 V

Conductor stranding

Single or multi-wire

Range of temperature

For installation: -5°C up to +70°C

Fixed installation: -30°C up to +70°C

Approval

To VDE 0276-604

Minimum bending radius

15 x outer diameter

Article List

Number of cores and mm ² per conductor	Outer diameter in mm	Copper in kg/km	Weight kg/km
N2XCH			
2 x 1.5/1.5	12	52	250
2 x 2.5/2.5	12	80	280
2 x 4/4	14	123	320
2 x 6/6	15	182	410
2 x 10/10	17	312	550
2 x 16/16	19	489	780
3 x 1.5/1.5	12	66	250
3 x 2.5/2.5	13	104	320
3 x 4/4	14	161	400
3 x 6/6	16	240	500
3 x 10/10	18	408	750
3 x 16/16	21	643	1000
3 x 25/16	24	902	1600
3 x 35/16	27	1190	1900
3 x 50/25	30	1723	2400
3 x 70/35	34	2410	2615
3 x 185/95	50	6383	6680
4 x 1.5/1.5	13	81	235
4 x 2.5/2.5	14	128	302
4 x 4/4	15	200	411



Number of cores and mm ² per conductor	Outer diameter in mm	Copper in kg/km	Weight kg/km
N2XCH			
4 x 6/6	17	297	527
4 x 10/10	19	504	763
4 x 16/16	22	796	1139
4 x 25/16	27	1142	1634
4 x 35/16	29	1526	2080
4 x 50/25	33	2203	2790
4 x 70/35	41	3082	3550
4 x 95/50	46	4108	4800
4 x 120/70	50	5388	6556
4 x 150/70	55	6540	7904
4 x 185/95	62	8159	9950
4 x 240/120	68	10546	12912
5 x 1.5/1.5	14	95	283
7 x 1.5/2.5	16	133	380
7 x 2.5/2.5	18	200	480
7 x 4/4	19	315	650
7 x 6/6	20	470	850
10 x 2.5/4	18	286	550
12 x 1.5/2.5	20	205	550
12 x 2.5/4	21	334	750
14 x 1.5/2.5	17	234	486
21 x 2.5/10	23	624	1050
24 x 1.5/6	25	413	950
24 x 2.5/10	26	696	1106
30 x 1.5/6	27	499	1100
30 x 2.5/6	28	840	1500
30 x 2.5/10	30	840	1500