

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
- 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
N2XH-J with green/yellow			
1 x 16	12	154	270
1 x 120	22	1152	1500
3 x 1.5	12	43	179
3 x 2.5	13	72	225
3 x 4.0	14	115	291
3 x 6.0	15	172	371
3 x 10	16	288	523
3 x 16	20	461	773
3 x 25	22	720	1200
3 x 35	25	1008	1600
3 x 50	26	1440	1800
3 x 25/16	24	873	1200
3 x 35/16	26	1161	1640
3 x 50/25	32	1680	2200
3 x 70/35	37	2352	2950
3 x 95/50	41	3126	3900
3 x 120/70	45	4128	4800
3 x 150/70	49	4992	5750
3 x 185/95	55	6240	7200
3 x 240/120	62	8064	9150



Number of cores and mm ² per conductor	Outer diameter in mm	Copper in kg/km	Weight kg/km
N2XH-J with green/yellow			
4 x 1.5	13	58	208
4 x 2.5	14	96	265
4 x 4.0	15	154	352
4 x 6.0	16	230	454
4 x 10	18	384	647
4 x 16	20	614	964
4 x 25	26	960	1446
4 x 35	29	1344	1906
4 x 50	32	1920	2530
4 x 70	37	2688	3418
4 x 95	41	3648	4574
4 x 120	48	4608	5300
4 x 150	50	5760	6350
4 x 185	53	7104	7800
4 x 240	58	9216	10300
4 x 25/16	26.1	1113.6	1539
4 x 35/16	29.4	1497	1965
4 x 50/25	30.8	2160	2445
4 x 70/35	34.6	3024	3342
4 x 185/95	52.8	8016	8508
5 x 1.5	14	72	243
5 x 2.5	15	120	310
5 x 4.0	16	192	413
5 x 6.0	17	288	536
5 x 10	19	480	776
5 x 16	22	768	1165
5 x 25	25	1200	1766
5 x 35	28.8	1680	2155
7 x 1.5	14	100	206
7 x 2.5	15	168	287
7 x 4.0	15	268	530
10 x 1.5	17	144	287
12 x 1.5	17	172	328
19 x 1.5	19	273	484
19 x 2.5	21	456	840
24 x 1.5	22	345	603
24 x 2.5	25	576	1050
30 x 1.5	23	432	730
30 x 2.5	26	720	1230
40 x 1.5	26	576	1200



Number of cores and mm ² per conductor	Outer diameter in mm	Copper in kg/km	Weight kg/km
N2XH-O without green/yellow			
1 x 1.5		14	53
1 x 2.5		24	90
1 x 4.0	9	38	140
1 x 6.0	10	57	160
1 x 10	11	96	210
1 x 16	12	153	270
1 x 25	14	240	380
1 x 35	15	336	490
1 x 50	16	480	620
1 x 70	18	672	830
1 x 95	20	912	1200
1 x 120	22	1152	1275
1 x 150	24	1440	1700
1 x 185	26	1776	2200
1 x 240	29	2304	2750
1 x 300	30	2880	3300
1 x 400	32	3840	4420
1 x 500	37	4800	4866
1 x 630		6048	6650
2 x 1.5	12	28	180
2 x 2.5	12	48	210
2 x 4.0	13	77	270
2 x 6.0	14	115	340
2 x 10	16	192	450
2 x 16	18	307	600
2 x 25	23	480	980
3 x 1.5	12	43	179
3 x 2.5	13	72	225
4 x 4.0	15	153	352
4 x 6.0	16	230	454
4 x 10	18	384	647
4 x 16	20	614	964
4 x 25	26	960	1446
4 x 35	29	1344	1905
4 x 50	32	1920	2530
4 x 70	37	2688	3418
4 x 95	41	3648	4574
4 x 120	48	4608	5300
10 x 1.5	17	144	287