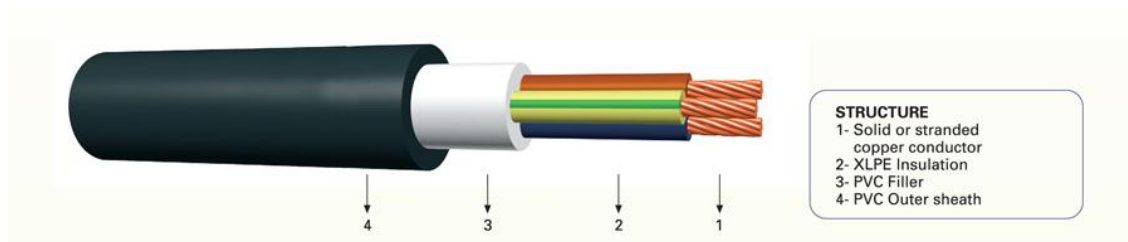


Fixed, direct burial PVC cable for different application areas

Product Description



Application Range

- As a fixed installation power and control cable
- For indoor and outdoor use
- Direct burial
- In concrete
- In water

Design

- Conductor of bare copper wires
- Core insulation: XLPE
- Filling compound of PVC over the core assembly
- PVC based outer sheath

Product features

- Flame retardant according to IEC 60332-3-24
- 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

Conductor stranding

Single or multi-wire

Minimum bending radius

Single core: 15 x outer diameter
Multi core: 12 x outer diameter

Rated voltage

U₀/U: 0.6/1.0kV

Test voltage

4000 V

Range of temperature

For installation: -5°C up to +70°C
Fixed installation: -35°C up to +70°C

Article List

Number of cores and mm ² per conductor	Outer diameter in mm	Copper in kg/km	Weight kg/km
N2XY-J with green/yellow			
1 x 1.5	6.4	14.4	53
1 x 2.5	6.8	24	66
1 x 4.0	7.3	38.4	85
1 x 6.0	7.8	58	107
1 x 10	9.1	96	159
1 x 16	10.1	154	222
1 x 25	11.8	240	328
1 x 35	13.0	336	428
1 x 50	14.5	480	562
1 x 70	16.5	672	779
1 x 95	18.4	912	1040
1 x 120	20.2	1152	1296
1 x 150	22.2	1440	1579
1 x 185	24.8	1776	1981
1 x 240	27.7	2304	2560
1 x 300	29.9	2880	3142
1 x 400	33.5	3840	4021
3 x 1.5	11.3	43.2	177
3 x 2.5	12	72	223
3 x 4.0	13.1	115.2	291
3 x 6.0	14.1	173	370
3 x 10	16.9	288	562
3 x 16	19.2	461	790



Number of cores and mm ² per conductor	Outer diameter in mm	Copper in kg/km	Weight kg/km
N2XY-J with green/yellow			
3 x 16/10	19.2	557	1030
3 x 25	23.7	720	1234
3 x 25/16	23.7	874	1500
3 x 35	26.6	1008	1620
3 x 35/16	26.6	1162	1700
3 x 50		1440	1800
3 x 50/25		1680	2300
3 x 70		2016	2400
3 X 70/35		2352	2800
3 x 95		2736	3300
3 x 95/50		3216	3800
3 x 120		3456	4000
3 x 120/70		4128	4700
3 x 150		4320	4900
3 x 150/70		4992	5600
3 x 185		5328	6500
3 x 185/95		6240	7400
3 x 240		6912	8300
3 x 240/120		8064	9600
3 x 300/150		10080	11200
4 x 1.5	11.8	58	202
4 x 2.5	12.8	96	258
4 x 4.0	14	154	343
4 x 6.0	15.2	230.4	442
4 x 10	18.4	384	678
4 x 16	21.7	614	1013
4 x 25	26.2	960	1530
4 x 35	27.4	1344	1990
4 x 50	29	1920	2071
4 x 70	31.1	2688	2908
4 x 95	35.1	3648	3958
4 x 120	38.8	4608	4959
4 x 150	42.5	5760	6061
4 x 185	47.5	7104	7632
4 x 240	52.6	9216	9908
5 x 1.5		72	270
5 x 2.5		120	350
5 x 4.0		192	480
5 x 6.0		288	610
5 x 10		480	880
5 x 16		768	1250



Number of cores and mm ² per conductor	Outer diameter in mm	Copper in kg/km	Weight kg/km
N2XY-J with green/yellow			
5 x 25		1200	1950
5 x 35		1680	2400
5 x 50		2400	3500
5 x 70		3360	4450
5 x 95		4560	6134
5 x 120		5760	7483
7 x 1.5		101	300
7 x 2.5		168	420
7 x 4.0		269	630
7 x 6.0		403	840
7 x 10		672	1150
7 x 25		1680	2403
7 x 35		2352	3191
7 x 50		3360	4287
8 x 1.5		115.2	334
10 x 1.5		144	360
10 x 2.5		240	500
10 x 4.0		384	930
12 x 1.5		173	400
12 x 2.5		288	560
14 x 1.5		202	450
14 x 2.5		336	630
14 x 4.0		538	1000
14 x 6.0		808	1354
16 x 1.5		230	500
16 x 2.5		384	710
19 x 1.5		274	560
19 x 2.5		456	830
19 x 4.0		730	1354
21 x 1.5		302	620
21 x 2.5		504	910
24 x 1.5		345	700
24 x 2.5		576	1050
30 x 1.5		432	810
30 x 2.5		720	1250
31 x 1.5		446	834
40 x 1.5		576	1050
40 x 2.5		960	1650
52 x 1.5		749	1400
52 x 2.5		1248	2150
61 x 1.5		878	1650



Number of cores and mm ² per conductor	Outer diameter in mm	Copper in kg/km	Weight kg/km
N2XY-O without green/yellow			
1 x 1.5	6.4	14.4	53
1 x 2.5	6.8	24	66
1 x 4.0	7.3	38.4	85
1 x 6.0	7.8	58	107
1 x 10	9.1	96	159
1 x 16	10.1	154	222
1 x 25	11.8	240	328
1 x 35	13.0	336	428
1 x 50	14.5	480	562
1 x 70	16.5	672	779
1 x 95	18.4	912	1040
1 x 120	20.2	1152	1296
1 x 150	22.2	1440	1579
1 x 185	24.8	1776	1981
1 x 240	27.7	2304	2560
1 x 300	29.9	2880	3142
1 x 400	33.5	3840	4021
1 x 500	38	4800	5200
1 x 630	42.5	6048	6650
2 x 1.5	10.7	29	159
2 x 2.5	11.5	48	195
2 x 4.0	12.5	77	249
2 x 6.0	13.5	115	311
2 x 10	16.1	192	465
2 x 16	18.2	307	642
2 x 25	22.4	480	1000
2 x 35	25.1	672	1302
2 x 50	25.1	960	1824
2 x 70	25.1	1344	2554
3 x 1.5	11.3	43.2	177
3 x 2.5	12	72	223
3 x 4.0	13.1	115.2	291
3 x 6.0	14.1	173	370
3 x 10	16.9	288	562
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3 x 25	23.7	720	1234
3 x 35	26.6	1008	1620
3 x 50		1440	1800
3 x 70		2016	2400



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61 x 1.5		878	1650