



Fixed shielded, 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
- Copper concentric conductor
- 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

Approval

To VDE 0276-03

Minimum bending radius

15 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
N2XCY			
1 x 16/16		335	680
1 x 300/150	35	4530	5000
2 x 4/4	16	123	350
2 x 6/6	16	182	392
3 x 2.5/2.5	14.2	104	280
3 x 6/6	17.3	240	500
3 x 16/16	23.1	643	1010
4 x 2.5/2.5	14	128	340
4 x 4/4	21	200	460
4 x 6/6	22	297	580
4 x 10/10	23	504	765
5 x 2.5/2.5	17	152	400
5 x 6/6	21	355	700
7 x 2.5/2.5	21	200	450
7 x 6/6	23	470	790
7 x 10/10	25	739	1255
12x 2.5/4	25	334	628
14 x 2.5/6	26	403	750
19 x 2.5/6	29	523	940
24 x 2.5/10	33	696	1106