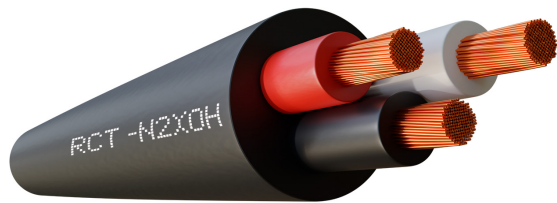


Cables 0.6/1 kV

N2XOH



Description

The N2XOH 0,6/1kV cables are those recommended to transport and distribute low voltage electrical energy. Recommended for industrial connections, supplies, internal distribution and outdoor connections. They can be used in sub-surface networks and permanent installations.

Reference Standards DIN VDE 0276-604 and IEC 60502

Applications

Suitable for the following installations:

- Sub-surface power source networks for outdoor lighting installations
- General supply line
- Individual bypass
- Interior or receptor installations
- Public premises
- Sub-surface networks for low voltage distribution
- Electric energy distribution networks. Sub-surface supply lines
- Installations in premises with special features

Suitable for installations where there is a need to increase protection against fire hazards

Technical Characteristics

1. Conductor	Rigid electrolytic copper (Class I or II) in compliance with DIN-VDE 0295, UNE-EN 60228, EN 60228 and IEC 60228
2. Insulation	Cross-linked polyethylene (XLPE), type DIX 3 in compliance with DIN VDE 0276-603 e IEC 60502 e IEC 60502 and HD 603S1
3. Sheath	Halogen-free thermoplastic polyolefin in compliance with DIN VDE 0276-604 e IEC 60502 e IEC 60502
Nominal voltage	0,6/1 kV
Test voltage	3.500 V A.C.
Maximum temperature	90 °C
No flame spread	According to UNE-EN 60332-1-2, EN 60332-1-2 and IEC 60332-1-2
Non-spread of fire	According to UNE-EN 60332-3-24, EN 60332-3-24 and IEC 60332-3-24
Non-spread of fire CPR	According to EN 50399
Low halogen content	According to IEC 60754-1 and 60754-2
Low emission of corrosive gases	According to UNE-EN 50267, EN 50267 and IEC 60754-1 and 60754-2
Other characteristics	Constructed according to VDE 0276-604

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Dimensions

Section (mm2)	Resistance at 20°C (Ohm/km)	External Diameter (mm)	Weight(kg/km)
1x1,5	12,1	6,45	56
1x2,5	7,41	6,74	67
1x4	4,61	7,35	86
1x6	3,08	7,95	109
1x10	1,83	8,8	154
1x16	1,15	10	212
1x25	0,727	11,45	317
1x35	0,524	12,8	563
1x50	0,387	14,7	580
1x120	0,153	20,2	1285
2x1,5	12,1	9,5	133
2x2,5	7,41	10,08	164
2x4	4,61	11,46	218
2x6	3,08	12,56	278
2x10	1,83	14,06	389
2x16	1,15	16,06	537
2x25	0,727	19,26	809
2x35	0,524	21,96	1072
3x1,5	12,1	10,13	157

Section (mm2)	Resistance at 20°C (Ohm/km)	External Diameter (mm)	Weight(kg/km)
3x2,5	7,41	10,73	189
3x4	4,61	12,01	257
3x6	3,08	13,19	333
3x10	1,83	14,73	478
3x16	1,15	17,1	679
3x25	0,727	20,41	1026
4x1,5	12,1	10,76	180
4x2,5	7,41	11,46	224
4x4	4,61	12,91	306
4x6	3,08	14,26	406
4x10	1,83	16,09	596
4x16	1,15	18,48	841
4x25	0,727	22,35	1289
5x1,5	12,1	11,77	214
5x2,5	7,41	12,55	268
5x4	4,61	13,95	349
5x6	3,08	15,44	467
5x10	1,83	17,49	700
5x16	1,15	20,16	1018
5x25	0,727	24,48	1581