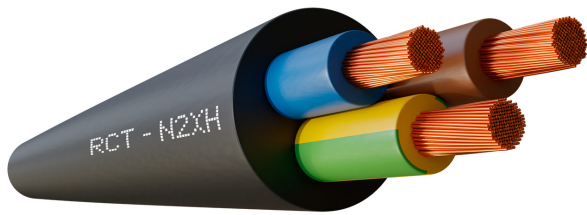


Cables 0.6/1 kV

N2XH



Description

The N2XH 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
Reference standard	VDE 0276-604
Colours	Según VDE 0293-308 y HD 308 S2
No propagación de la llama	According to NF C32-070, UNE-EN 60332-1-2, EN 60332-1-2 et 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
Low emission of opaque fumes	According to UNE-EN 61034-2, EN 61034-2 and IEC 61034-2

The information contained on this page is for information only and does not constitute a contractual commitment of any kind from Cables RCT. 19 de noviembre de 2024
Cables RCT, as a consequence of his continuous improvement process, may modify any technical specification without further notice.



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Dimensions

Section (mm ²)	Resistance at 20°C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
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	Cca-s1b,d1,a1
1x25	0,727	11,45	317	Cca-s1b,d1,a1
1x35	0,524	12,8	563	Cca-s1b,d1,a1
1x50	0,387	14,7	580	
1x120	0,153	20,2	1285	
2x1,5	12,1	9,5	133	Cca-s1b,d1,a1
2x2,5	7,41	10,08	164	Cca-s1b,d1,a1
2x4	4,61	11,46	218	Cca-s1b,d1,a1
2x6	3,08	12,56	278	Cca-s1b,d1,a1
2x10	1,83	14,06	389	Cca-s1b,d1,a1
2x16	1,15	16,06	537	Cca-s1b,d1,a1
2x25	0,727	19,26	809	Cca-s1b,d1,a1
2x35	0,524	21,96	1072	Cca-s1b,d1,a1
3x1,5	12,1	10,13	157	Cca-s1b,d1,a1

Section (mm ²)	Resistance at 20°C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
3x2,5	7,41	10,73	189	Cca-s1b,d1,a1
3x4	4,61	12,01	257	Cca-s1b,d1,a1
3x6	3,08	13,19	333	Cca-s1b,d1,a1
3x10	1,83	14,73	478	Cca-s1b,d1,a1
3x16	1,15	17,1	679	Cca-s1b,d1,a1
3x25	0,727	20,41	1026	Cca-s1b,d1,a1
4x1,5	12,1	10,76	180	Cca-s1b,d1,a1
4x2,5	7,41	11,46	224	Cca-s1b,d1,a1
4x4	4,61	12,91	306	Cca-s1b,d1,a1
4x6	3,08	14,26	406	Cca-s1b,d1,a1
4x10	1,83	16,09	596	Cca-s1b,d1,a1
4x16	1,15	18,48	841	Cca-s1b,d1,a1
4x25	0,727	22,35	1289	Cca-s1b,d1,a1
5x1,5	12,1	11,77	214	Cca-s1b,d1,a1
5x2,5	7,41	12,55	268	Cca-s1b,d1,a1
5x4	4,61	13,95	349	Cca-s1b,d1,a1
5x6	3,08	15,44	467	Cca-s1b,d1,a1
5x10	1,83	17,49	700	Cca-s1b,d1,a1
5x16	1,15	20,16	1018	Cca-s1b,d1,a1
5x25	0,727	24,48	1581	Cca-s1b,d1,a1