

N2XH 2x16 CL-2 RE 0.6/1kV Energy Cable

Description

N2XH it is a cable that can be used for electricity supply in low voltage installation system, in private or public buildings. It is well adapted to underground use in industrial applications with an additional mechanical protection. Can be laid in wet environments, but not directly in the water or direct buried. This cable type does not release toxic or corrosive fumes during combustions and have low smoke halogen free emission.

Standards

EN 60228
EN 62230
IEC 60364
IEC 60332-3-24
IEC 60332-1-2
IEC 61034-1/2
IEC 60754-1/2
EN 50266-2-4

Core Identification

1 core: Black
2 core: Blue, Brown
3 core: Green/Yellow, Blue, Brown
3 core: Brown, Black, Grey
4 core: Green/Yellow, Brown, Black, Grey
4 core: Brown, Black, Grey, Blue
5 core: Green/Yellow, Blue, Brown, Black, Grey
6 core and above: Black with White numbers, Green/Yellow

Construction

Conductor: Class 1 solid copper < 16mm²
Conductor: Class 2 stranded copper > 16mm²
Insulation: XLPE
Bedding: LSZH-FRNC
Sheath: LSZH-FRNC

Specifications

Cable Type	Multi Core
Cable Overall Diameter	14.8 mm
Cable Weight	516.0 kg/km
Conductor Material	Copper
Number of Conductors	2.0
Conductor Cross-Section	16.0 mm ²
Conductor Weight	260.0 kg/km
Conductor Class	CL-2
Conductor Type	RE
Insulation Material	XLPE
Filling Material	LSZH
Outersheath Material	LSZH
Rated Voltage (U ₀ /U)	0.6/1 kV
Max. Permissible Operating Temperature	-15 >< +90 °C
Working Temperature	-15 >< +90 °C
Short Circuit Temperature	250.0 °C
Minimum Bending Radius (Installing)	6xD
Minimum Bending Radius (Operating)	4xD
Packing	Wooden Drum, Plywood Drum, Coil, Rolls
Delivery Lengths	To be confirmed by offer
Delivery Length Tolerance	±5%

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