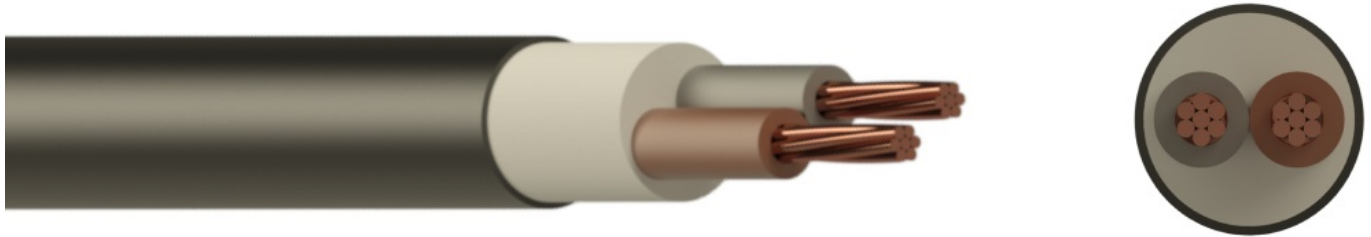


## N2XH 2x16 CL-2 RE 0.6/1kV Energy Cable



### 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 < 16mm<sup>2</sup>  
**Conductor:** Class 2 stranded copper > 16mm<sup>2</sup>  
**Insulation:** XLPE  
**Bedding:** LSZH-FRNC  
**Sheath:** LSZH-FRNC

The above design is only a sample of the options available, for reference purposes only. Our policy of continuous improvement may result in a change of specifications without notice. If any discrepancies might be between the data sheet values and standards, we reserve the rights to make technical changes. Our company will not be held responsible, as all or any of pictures, drawings, weights and dimensions details or other elements in this document are only indicative and must not be considered contractual. Contact our sales team for other specifications or custom made products.

## 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 <sup>2</sup>                   |
| 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 <sub>0</sub> /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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