Nexans - N2XHFR Low Voltage Fire Resistant Multi Core OR - CU, MGT, XLPE, LSZH - 1.5mm² to 400mm²



Description

This Nexans N2XHFR multicore cable is a fire-resistant, halogen-free power cable supplied for fixed electrical installations where circuit integrity and reduced smoke and corrosive gas emissions are required in the event of fire. The cable features stranded copper Class 2 conductors, mica tape, XLPE insulation and a low smoke zero halogen (LSZH) outer sheath.

Suitable for installation in commercial, industrial and public buildings, including cable trays, conduits and other fixed installation systems. Available in a range of multicore configurations, N2XHFR provides reliable power transmission while maintaining circuit integrity under fire conditions and is suitable for applications where fire resistance, reduced smoke and halogen-free performance are required.

Key Features

Voltage Rating
600/1000 Volts

Minimum Bending Radius
8 x Overall Diameter

Flame Retardancy
IEC 60332-3-24 (Cat C)

Temperature Limits
Temperature Range: -20°C to +90°C

Core Colours

2 Core: Brown, Blue

3 Core: Brown, Black, Grey

4 Core: Brown, Black, Grey, Blue

4 Core Earth: Brown, Black, Grey, Green Yellow

5 Core Earth: Brown, Black, Grey, Blue, Green Yellow

Standards

- IEC 60502
- IEC 60228
- IEC 60754-1
- IEC 61034-2
- IEC 60331-21

Construction

- **Conductor**: Class 2 Copper Conductor
- **Protective Tape**: Mica Glass Tape (MGT) Layer
- **Insulation**: Cross Linked polyethylene (XLPE)
- **Outer Sheath**: Low Smoke Zero Halogen (LSZH)
- **Sheath Colour**: Orange

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing.

ISO/IEC 17025 Accredited Testing Laboratory
UKAS TESTING 31196

CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

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