



**Nexans Ref.:** 10581846  
**Country Ref.:** 1050773  
**EAN 13:** 7045210138962

## FIRE PERFORMANCE CLASS



Dca-s2,d2,a1

The cable may be used for permanent installation on ladders, directly in walls, in conduits or ducts. For use indoors and outdoors but not in ground or water.

## STANDARDS

**Test** IEC 60332-1-2

**National** NEK 591

## DESCRIPTION

The cable is a halogen free, HFFR insulated sheathed house wiring cable with circular, solid copper conductors. The cable is designed according to NEK 591. The conductors have resistance and number of wires according to EN 60228 class 1. The cores are identified by colours according to HD 308. The sheath is marked: Cable type/ size/ NEXANS GS /year+month/metre marking. The cable meets the requirements for fire classification according to CPR Dca -s2d2a2.

## QUALITY AND ENVIRONMENTAL MANAGEMENT SYSTEM

Certified according to ISO 9001, ISO/TS 16949 and ISO 14001.



Conductor flexibility  
Solid class 1



Lead free  
Yes



Rated Voltage Uo/U (Um)  
300/500 V



Flame retardant  
IEC 60332-1



Maximum operating temperature  
70 °C

### CHARACTERISTICS

#### Construction characteristics

|                                   |                       |
|-----------------------------------|-----------------------|
| Conductor flexibility             | Solid class 1         |
| Conductor material                | Annealed copper       |
| Conductor shape                   | Circular              |
| Insulation                        | Halogen free compound |
| Lead free                         | Yes                   |
| Material of filler / inner sheath | PE                    |
| Outer sheath                      | Halogen free compound |
| Sheath colour                     | White                 |
| Type of conductor                 | Circular, solid       |
| With Green/Yellow core            | Yes                   |

#### Dimensional characteristics

|                         |                     |
|-------------------------|---------------------|
| Conductor cross-section | 2.5 mm <sup>2</sup> |
| Number of cores         | 3                   |
| Nominal outer diameter  | 8.6 mm              |
| Approximate weight      | 12.8 kg/100m        |
| Approximate weight      | 128 kg/km           |
| Conductor diameter      | 1.8 mm              |

#### Electrical characteristics

|                                                   |           |
|---------------------------------------------------|-----------|
| Rated Voltage U <sub>0</sub> /U (U <sub>m</sub> ) | 300/500 V |
|---------------------------------------------------|-----------|

#### Usage characteristics

|                               |             |
|-------------------------------|-------------|
| Flame retardant               | IEC 60332-1 |
| Length                        | 250 m       |
| Maximum operating temperature | 70 °C       |
| Packaging                     | E4          |

### SELLING AND DELIVERY INFORMATION

IFXI EASY 500V will be delivered on E4 Mobihway drums in lengths of 150-300m. The cables will also be available on our new EASYpack smart packagin.