



**Nexans Ref.:** 10582867  
**Country Ref.:** 1042198  
**EAN 13:** 7045210137125

#### FIRE PERFORMANCE CLASS



Dca-s2,d2,a2

**International Designation:** NO-N07Z1-R

Halogen free connection wire

#### STANDARDS

**Product** EN 50525-3-31

**Test** IEC 60332-1-2; IEC 60754; IEC 61034

#### DESCRIPTION

Halogen free connection wire with stranded copper conductor for hidden installations.

IX is a halogen free version of PN (H07V-R).



Conductor flexibility  
Stranded class 2



Halogen free  
Yes



Lead free  
Yes



Rated Voltage Uo/U (Um)  
450/750 V



Max. conductor temp. in service  
70 °C

## CHARACTERISTICS

### Construction characteristics

|                        |                               |
|------------------------|-------------------------------|
| Conductor flexibility  | Stranded class 2              |
| Conductor material     | Bare annealed copper stranded |
| Conductor shape        | Round, stranded               |
| Halogen free           | Yes                           |
| Insulation             | Halogen free compound         |
| Lead free              | Yes                           |
| Sheath colour          | Green / Yellow                |
| With Green/Yellow core | Yes                           |

### Dimensional characteristics

|                         |                     |
|-------------------------|---------------------|
| Approximate weight      | 21 kg/km            |
| Approximate weight      | 2.1 kg/100m         |
| Conductor cross-section | 1.5 mm <sup>2</sup> |
| Conductor diameter      | 1.6 mm              |
| Nominal outer diameter  | 3.0 mm              |
| Number of cores         | -                   |
| Number of strands       | 7                   |

### Electrical characteristics

|                                                   |           |
|---------------------------------------------------|-----------|
| Rated Voltage U <sub>0</sub> /U (U <sub>m</sub> ) | 450/750 V |
|---------------------------------------------------|-----------|

### Usage characteristics

|                                       |       |
|---------------------------------------|-------|
| Length                                | 150 m |
| Max. conductor temperature in service | 70 °C |
| Packaging                             | Reel  |