



**Nexans Ref.:** 10590280  
**Country Ref.:** 1050711  
**EAN 13:** 7045210138504

## FIRE PERFORMANCE CLASS



Eca

Installation cable

## STANDARDS

**Test** IEC 60332-1-2

**National** NEK 535

Installation cable for surface mount/visible installations. Can be used indoor and outdoor, but not suitable for being buried in the ground.

Minimum bending diameter, one-time 90 degree bend: 2xD

Minimum bending diameter, sharper bends: 4xD

(D = Outer diameter of cable)



Conductor flexibility  
Solid class 1



Lead free  
Yes



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



Max. conductor temp. in service  
70 °C



RoHS compliant  
Yes

## CHARACTERISTICS

### Construction characteristics

|                                   |   |
|-----------------------------------|---|
| Conductor flexibility             | Solid class 1                             |
| Conductor material                | Annealed copper                           |
| Conductor shape                   | Round, massive                            |
| Insulation                        | PVC                                       |
| Lead free                         | Yes                                       |
| Material of filler / inner sheath | PE  |
| Outer sheath                      | PVC                                       |
| Screen                            | Longitudinal aluminium tape + copper wire |
| Sheath colour                     | White                                     |
| With Green/Yellow core            | No  |

### Dimensional characteristics

|                         |                     |
|-------------------------|---------------------|
| Approximate weight      | 124 kg/km           |
| Approximate weight      | 12.4 kg/100m        |
| Conductor cross-section | 2.5 mm <sup>2</sup> |
| Conductor diameter      | 1.8 mm              |
| Height                  | - mm                |
| Nominal outer diameter  | 9.2 mm              |
| Number of cores         | 2                   |
| Width                   | - m                 |

### Electrical characteristics

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

### Usage characteristics

|                                       |       |
|---------------------------------------|-------|
| Ambient installation temperature      | 10 °C |
| Field of application                  | -     |
| Max. conductor temperature in service | 70 °C |
| Packaging                             | Box   |
| RoHS compliant                        | Yes   |