



Nexans Ref.: 10590282
Country Ref.: 1050713
EAN 13: 7045210138528

FIRE PERFORMANCE CLASS



E_{ca}

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 U₀/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 | 19.6 kg/100m |
| Approximate weight | 196 kg/km |
| Conductor cross-section | 2.5 mm ² |
| Conductor diameter | 1.8 mm |
| Height | - mm |
| Nominal outer diameter | 9.9 mm |
| Number of cores | 3 |
| Width | - m |

Electrical characteristics

| | |
|---|-----------|
| Rated Voltage U ₀ /U (U _m) | 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 |