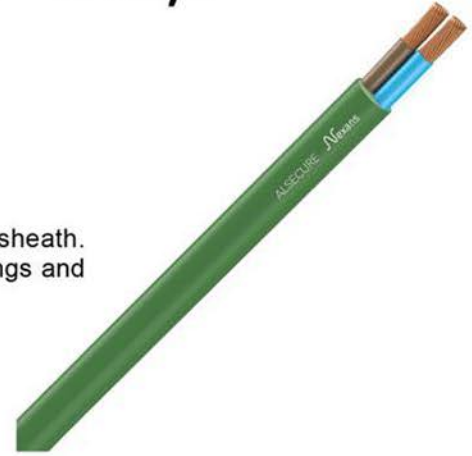


Câble anti - feu Energie CR1/C1 - 2x2,5

Halogen-free 0.6/1kV rigid cables, fire retardant, with copper core, green sheath. ALSECURE® Cca cables are designed for private or public residential buildings and industry, for control and power circuits.



DESCRIPTION

Application

ALSECURE® Cca cables are designed to be used in private residences or public areas, in all premises open to the public and industries, for power and control circuits.

ALSECURE® Cca cables are **fire retardant**, low smoke and **halogen free**. In the event of fire, emitted gases are non corrosive and have a very low toxicity.

CHARACTERISTICS

Construction characteristics

| | |
|--------------------------------|----------------------------------|
| Conductor flexibility | Solid class 1 |
| Conductor material | Bare copper |
| Insulation | XLPE (Cross-linked Polyethylene) |
| Outer sheath | Halogen free polyolefin |
| Sheath colour | Green |
| Halogen free | IEC 60754-1 |
| Conductor shape | - |
| Higher heating value | - MJ/km |
| With Green/Yellow core | No |
| With smaller neutral conductor | No |

Dimensional characteristics

| | |
|--|---------------------|
| Neutral conductor section (when smaller) | - mm ² |
| Minimum outer diameter | 9.6 mm |
| Maximum outer diameter | 11.5 mm |
| Number of cores | 2 |
| Conductor cross-section | 2.5 mm ² |

Electrical characteristics

| | |
|---|-----------------|
| Rated Voltage U ₀ /U (U _m) | 0.6/ 1 (1.2) kV |
|---|-----------------|

Usage characteristics

| | |
|---------------------------------------|------------------------------|
| Operating temperature, range | -20 - 60 °C |
| Gases corrosivity | IEC 60754-2 |
| Smoke density | EN 50399 |
| Flame retardant | NFC 32070 C2, IEC 60332-1-2 |
| Fire retardant | NFC 32070 C1, IEC 60332-3-24 |
| Water proof | Good |
| U.V resistance | AN2 |
| Max. conductor temperature in service | 90 °C |

MARKING



Halogen free
IEC 60754-1



Conductor flexibility
Stranded class 2



Rated Voltage U₀/U
(U_m)



Cable flexibility
Rigid



Fire resistant
CR1, NFC C 32-070



Fire retardant
C1, NFC C 32-070



Smoke density
IEC 61034



Gases toxicity
Low