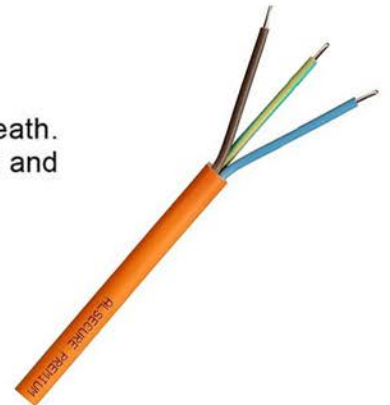


# Câble anti - feu Energie CR1/C1 - 3x10

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                             | Stranded class 2                 |
| 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                            | Yes                              |
| With smaller neutral conductor                    | No                               |
| Dimensional characteristics                       |                                  |
| Neutral conductor section (when smaller)          | - mm <sup>2</sup>                |
| Minimum outer diameter                            | 17.0 mm                          |
| Maximum outer diameter                            | 21.0 mm                          |
| Number of cores                                   | 4                                |
| Conductor cross-section                           | 16 mm <sup>2</sup>               |
| Electrical characteristics                        |                                  |
| Rated Voltage U <sub>0</sub> /U (U <sub>m</sub> ) | 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 U<sub>0</sub>/U  
(U<sub>m</sub>)



Cable flexibility  
Rigid



Fire resistant  
CR1, NFC 32-070



Fire retardant  
C1, NFC 32-070



Smoke density  
IEC 61034



Gases toxicity  
Low