

## Highlights:

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- EN50399 CPR Euroclass Cca-s1b,d0,a1
- 16 AWG (1.5 mm<sup>2</sup>) thin and dense stranded conductors
- Class 5 IEC 60228 compliant

## Product information:

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The CLS215-Cca series are 2-core installation loudspeaker cables compliant to the Cca standards of the Construction Product Regulation (CPR) regarding fire and flammability resistance in fixed installations, minimizing toxic smokes and providing optimal resistance to spreading fire. In addition to its improved fire properties, the outer jacket of the cabling is smooth and durable for easy installation and pulling.

The CLS2xx series consists of three models with individually polyolefin isolated conductors in sections ranging from 1.5 mm<sup>2</sup> (16 AWG) up to 4 mm<sup>2</sup> (11 AWG) which are composed of stranded bare copper wires. The stranding keeps the cable flexible and easy to handle. The cable can be used in both indoor and outdoor or in humid environments.

More information about CPR compliant cables? [Click here](#)



## Certification:

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## Properties:

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## Inner Conductors:

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## Product Features:

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|             |                   |
|-------------|-------------------|
| Application | AV & IT           |
| Series      | Contractor Series |

## Physical Characteristics:

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|                       |                          |                           |                       |
|-----------------------|--------------------------|---------------------------|-----------------------|
| Type of cable         | 2-core loudspeaker cable |                           |                       |
| EN50399 CPR Euroclass | Cca-s1b,d0,a1            |                           |                       |
| Inner conductor       | Material                 | BC 28 x 0.25 mm (Ø) (OFC) |                       |
|                       | Section                  | 1.5 mm <sup>2</sup>       |                       |
|                       | Number of conductors     | 2                         |                       |
|                       | Insulation               | Material                  | Polyolefin 2.5 mm (Ø) |
| Filling               | None                     |                           |                       |
| Separator             | None                     |                           |                       |
| Inner conductor       | American Wire Gauge      | 16 AWG                    |                       |
|                       | Insulation               | Colours                   | Red / Blue            |
|                       | Conductor twisting       | Yes                       |                       |
| Outer jacket          | Material                 | Polyolefin 7 mm (Ø)       |                       |
|                       | Colours                  | Black                     |                       |
|                       |                          | White                     |                       |

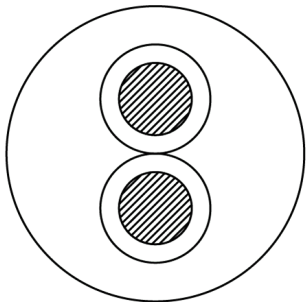
## Standards & regulations:

|                        |                                   |
|------------------------|-----------------------------------|
| RoHS2 compliant        | According EU Directive 2011/65/EU |
| Reach compliant        | According EC 1907/2006            |
| CPR Euroclass          | Cca-s1b,d0,a1                     |
| Flammability test      | According EN 60332-1-2            |
| Indoor / outdoor       | UV resistant (UL1581, UVA, 720 h) |
| Smoke emissions        | According IEC 61034               |
| Zero halogen compounds | According EN 50267-2-1            |
|                        | IEC 60754                         |

## Mechanical Characteristics:

|                   |                     |                      |
|-------------------|---------------------|----------------------|
| Temperature range | Mobile installation | - 5 °C till + 80 °C  |
|                   | Fixed installation  | - 15 °C till + 80 °C |
| UV resistant      |                     | Yes                  |

## Cross sections:



## Electrical Characteristics:

|                     |               |                       |
|---------------------|---------------|-----------------------|
| Max. conductor      | DC resistance | 13.3 ( $\Omega$ / Km) |
| Dielectric strength |               | 2 (KV / 1 min. DC)    |
| Rated voltage       |               | 500 V                 |

## Variants:

- CLS215-CCA/1 - 100 m wooden reel - Black
- CLS215W-CCA/1 - 100 m wooden reel - White
- CLS215-CCA/3 - 300 m wooden reel