

CLS225-B2CA

Loudspeaker cable - 2 x 2.5 mm<sup>2</sup> - 13 AWG - EN50399 CPR  
Euroclass B2ca-s1b,d0,a1

Highlights:

- EN50399 CPR Euroclass B2ca-s1b,d0,a1
- Class 5 IEC 60228 compliant
- 13 AWG (2.5 mm<sup>2</sup>) thin and dense stranded conductors

Product information:

The CLS225-B2ca series are 2-core installation loudspeaker cables compliant to the B2ca 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 outstanding fire properties, the outer jacket of the cabling is smooth and durable for easy installation and pulling. The stranding keeps the cable flexible and easy to handle. The cable can be used in both indoor and outdoor or in humid environments.

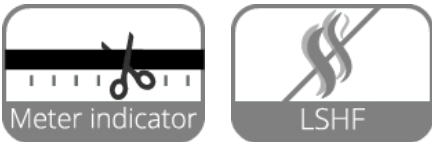


More information about CPR compliant cables? [Click here](#)

Certification:



Properties:



Inner Conductors:



Product Features:

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

Physical Characteristics:

|                       |                     |                            |            |
|-----------------------|---------------------|----------------------------|------------|
| Type of cable         |                     | 2-core loudspeaker cable   |            |
| EN50399 CPR Euroclass |                     | B2ca-s1b,d0,a1             |            |
| Inner conductor       | Material            | BC 40 x 0.263 mm (Ø) (OFC) |            |
|                       | Section             | 2.5 mm²                    |            |
|                       |                     | Number of conductors       | 2          |
|                       |                     | Insulation                 | Material   |
|                       |                     | Polyolefin 3.5 mm (Ø)      |            |
| Filling               |                     | None                       |            |
| Separator             |                     | None                       |            |
| Inner conductor       | American Wire Gauge | 13 AWG                     |            |
|                       | Insulation          | Colours                    | Red / Blue |
|                       |                     | Conductor twisting         | Yes        |
| Outer jacket          | Material            | Polyolefin 9.6 mm (Ø)      |            |
|                       | Colours             | Black                      |            |

Standards & regulations:

|                        |                                   |
|------------------------|-----------------------------------|
| RoHS2 compliant        | According EU Directive 2011/65/EU |
| Reach compliant        | According EC 1907/2006            |
| CPR Euroclass          | B2ca-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                         |

Electrical Characteristics:

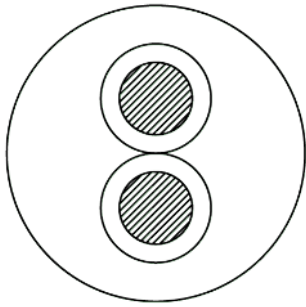
|                     |               |                    |
|---------------------|---------------|--------------------|
| Max. conductor      | DC resistance | 7.98 (Ω / Km)      |
| Dielectric strength |               | 2 (KV / 1 min. DC) |
| Rated voltage       |               | 500 V              |

Mechanical Characteristics:

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

## Cross sections:

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## Variants:

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- CLS225-B2CA/1 - 100 m wooden reel
- CLS225-B2CA/3 - 300 m wooden reel