

## Highlights:

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- EN50399 CPR Euroclass Cca-s1b,d0,a1
- 11 AWG (4 mm<sup>2</sup>) thin and dense stranded conductors
- Class 5 IEC 60228 compliant

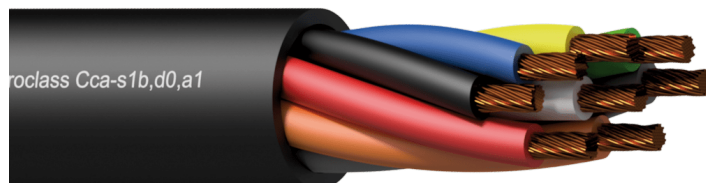
## Product information:

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The CLS840-Cca is an 8-core installation loudspeaker cable compliant to the Cca standard 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 cable consists of individually polyolefin isolated conductors with a section of 8 x 4.0 mm<sup>2</sup> (11 AWG) which are composed out of stranded bare copper wires. The stranding keeps the cable flexible and easy to handle. The cable can be used 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:

|             |      |  |  |
|-------------|------|--|--|
| Application | null |  |  |
| Series      | null |  |  |

Physical Characteristics:

|                       |                      |                           |   |
|-----------------------|----------------------|---------------------------|---|
| Type of cable         |                      | 8-core loudspeaker cable  |   |
| EN50399 CPR Euroclass |                      | Cca-s1b,d0,a1             |   |
| Inner conductor       | Material             | BC 48 x 0.31 mm (Ø) (OFC) |   |
|                       | Section              | 0.0062 "²                 |   |
|                       | Number of conductors | 8                         |   |
| Filling               | Insulation           | Material                  | Polyolefin 4 mm (Ø)   |
|                       | None                 |                           |   |
|                       | None                 |                           |   |
| Separator             | American Wire Gauge  |                           | 11 AWG  |
|                       | Insulation           | Colours                   | Black / White / Grey / Red / Green / Blue / Yellow / Orange |
|                       | Conductor twisting   |                           | Yes   |
| Outer jacket          | Material             | Polyolefin 16.4 mm (Ø)    |   |
|                       | Colours              | Black                     |   |

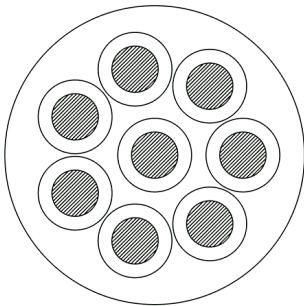
Standards & regulations:

|                        |                                   |
|------------------------|-----------------------------------|
| 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 | - 41 °F till + 176 °F |
|                   | Fixed installation  | - 59 °F till + 176 °F |
| UV resistant      |                     | Yes                   |

Cross sections:



Electrical Characteristics:

|                     |               |                    |
|---------------------|---------------|--------------------|
| Max. conductor      | DC resistance | 4.95 (Ω / Km)      |
| Dielectric strength |               | 2 (KV / 1 min. DC) |
| Rated voltage       |               | 500 V              |

Variants:

- CLS840-CCA/3 - 300 m wooden reel