

# CMX222-CCA

DMX-AES cable – 2 x 0.34 mm<sup>2</sup> - 22 AWG - EN50399 CPR  
Euroclass Cca-s1a,d1,a1

## Highlights:

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- 22 AWG (0.34 mm<sup>2</sup>) thin and dense stranded conductors
- EN50399 CPR Euroclass Cca-s1a,d1,a1
- Class 5 IEC 60228 compliant

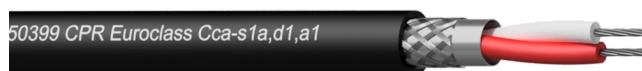
## Product information:

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The CMX222-Cca series are 2-core 110 Ohm DMX-AES Digital signal 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 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](#)



## Properties:

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Inner Conductors:



Shielding:



Product Features:

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

Physical Characteristics:

|                       |                      |                   |                               |
|-----------------------|----------------------|-------------------|-------------------------------|
| EN50399 CPR Euroclass |                      |                   | Cca-s1a,d1,a1                 |
| Inner conductor       | Insulation           | Colours           | White / Red                   |
|                       |                      | Material          | 0.079                         |
|                       | Shielding            | Aluminium foil    | null                          |
|                       |                      | Braiding          | TC 16 x 5 x 0.12 mm (Ø) (OFC) |
|                       |                      | Braiding coverage | 70 %                          |
| Outer jacket          | Material             |                   | Polyolefin 5.8 mm (Ø)         |
|                       | Colours              |                   | Black                         |
| Type of cable         |                      |                   | 110 Ω DMX-AES cable           |
| Inner conductor       | Material             |                   | TC 7 x 0.25 mm (Ø) (OFC)      |
|                       | Section              |                   | 0.00053 “²                    |
|                       | American Wire Gauge  |                   | 22 AWG                        |
|                       | Number of conductors |                   | 2                             |
|                       | Conductor twisting   |                   | Yes                           |

Mechanical Characteristics:

|                   |                     |                       |
|-------------------|---------------------|-----------------------|
| Temperature range | Mobile installation | - 41 °F till + 176 °F |
|                   | Fixed installation  | - 59 °F till + 176 °F |
| Bending radius    | Fixed installation  | 15 x outer diameter   |
|                   | Mobile installation | 15 x outer diameter   |

Electrical Characteristics:

|                        |            |                              |
|------------------------|------------|------------------------------|
| Resistance             | Insulation | > 500 M Ω / km               |
| Inductance             | Cond/Cond  | 0.923 nH / m @ 1 (± 10%) MHz |
| Capacitance            | Cond/Cond  | 38.88 pF / m @ 1 (± 10%) kHz |
| Resistance             | Conductor  | Max. 53 Ω / km @ --°C        |
| Rated voltage          |            | 100 V                        |
| Impedance              |            | 10% ± 100 Ω                  |
| Max. operation voltage |            | 250 V                        |

Variants:

- CMX222-CCA/1 - 100 m wooden reel
- CMX222-CCA/3 - 300 m wooden reel