

Highlights:

- 22 AWG (0.25 mm²) thin and dense stranded conductors
- EN50399 CPR Euroclass Cca-1ab,d1,a1
- Class 5 IEC 60228 compliant

The CMX422-Cca series are 4-core 110 Ohm DMX-512 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:



Inner Conductors:



Shielding:



Usage:



Physical Characteristics:

| | | |
|-----------------------|----------------------|-------------------|
| EN50399 CPR Euroclass | | Cca-s1a,d1,a1 |
| Inner conductor | Insulation | Colours |
| | | Material |
| | Shielding | Braiding |
| | | Braiding coverage |
| Outer jacket | Material | |
| | Colours | |
| Type of cable | | |
| Inner conductor | Material | |
| | Section | |
| | American Wire Gauge | |
| | Number of conductors | |
| | Conductor twisting | |

Mechanical Characteristics:

| | | |
|-------------------|---------------------|----------------------|
| Temperature range | Mobile installation | - 5 °C till + 80 °C |
| | Fixed installation | - 15 °C till + 80 °C |
| Bending radius | Mobile installation | 15 x outer diameter |
| | Fixed installation | 15 x outer diameter |

Electrical Characteristics:

| | | |
|------------------------|------------|------------------------------|
| Resistance | Insulation | >500 M Ω / km |
| Inductance | Cond/Cond | 0.792 nH / m @ 1 (± 10%) MHz |
| Capacitance | Cond/Cond | 45.28 pF / m @ 1 (± 10%) kHz |
| Resistance | Conductor | Max. 53 Ω / km @ --°C |
| Rated voltage | | 100 V |
| Impedance | | 10% ± 110 Ω |
| Max. operation voltage | | 250 V |