

## Highlights:

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- EN50399 CPR Euroclass Cca-s1a,d1,a1
- 22 AWG (0.25 mm<sup>2</sup>) thin and dense stranded conductors
- Class 5 IEC 60228 compliant

## Product information:

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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.

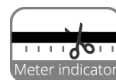
In addition to its outstanding fire properties, the outer jacket of the cabling is smooth and durable for easy installation and pulling. The stranding keeps the cable flexible and easy to handle. The cable can be used in both indoor and outdoor or in humid environments.

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



## Properties:

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Meter indicator



LSHF



IEC 60332



110Ω

Impedance

## Inner Conductors:

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STRANDED TINNED  
COPPER

## Shielding:

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TINNED COPPER  
BRAIDING



ALUMINUM  
FOIL

## Product Features:

Application	AV & IT
Series	Contractor Series

## Physical Characteristics:

Type of cable	110 Ω DMX-512 cable	
EN50399 CPR Euroclass	Cca-s1a,d1,a1	
Inner conductor	Material	TC 7 x 0.25 mm (Ø) (OFC)
	Insulation	Colours Material Black / White / Red / Yellow Polypropylene 1.7 mm (Ø)
Shielding	Aluminium foil	Al-mylar, 100% coverage - 25% Overlap
	Braiding	TC 16 x 5 x 0.12 mm (Ø) (OFC)
Braiding coverage	64 %	
	Outer jacket	Material Colours Polyolefin 7.0 mm (Ø) Black
Inner conductor	Section	0.34 mm <sup>2</sup>
	American Wire Gauge	22 AWG
Number of conductors	4	
Conductor twisting	Yes	

## 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	

## Variants:

- CMX422-CCA/1 - 100 m wooden reel
- CMX422-CCA/3 - 300 m wooden reel