

Highlights:

- EN50399 CPR Euroclass Cca-s1a,d1,a1
- 22 AWG (0.25 mm²) thin and dense stranded conductors
- Class 5 IEC 60228 compliant

Product information:

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:



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 Black / White / Red / Yellow
		Material 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	Polyolefin 7.0 mm (Ø)
	Colours	Black
Inner conductor	Section	0.34 mm ²
	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