CMX422-CCA

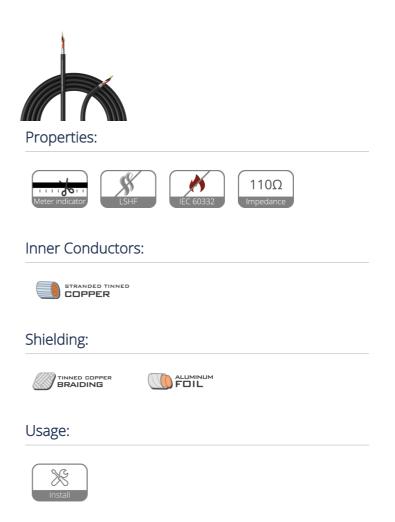## DMX-512 cable - 4 x 0.34 mm² - 22 AWG - EN50399 CPR Euroclass Cca-s1a,d1,a1

Highlights:

- EN50399 CPR Euroclass Cca-s1a,d1,a1
- 22 AWG (0.25 mm²) thin and dense stranded conductors
- 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:

Meter indicator	LSHF	IEC 60332	110Ω Impedance

Inner Conductors:

STRANDED TINNED COPPER

Shielding:

TINNED COPPER BRAIDING   ALUMINUM FOIL

Usage:

Install

Physical Characteristics:

EN50399 CPR Euroclass			Cca-s1a,d1,a1
Inner conductor	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
Type of cable			110 Ω DMX-512 cable
Inner conductor	Material		TC 7 x 0.25 mm (Ø) (OFC)
	Section		0.34 mm²
	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

PROCAB Contractor Series - CMX422-CCA - 16/04/2021 10:12 UTC

We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.　　　　Page 2 of 2