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 (0.34 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





Certification:

CCA CPR

MADE IN EUROPE

Properties:

Meter indicator

LSHF

IEC 60332

110Ω Impedance

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

Inner Conductors:



Shielding:





Product Features:

Application	null
Series	null

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	0.067
	Shielding	Aluminium foil	null
		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		0.00053 “²
	American Wire Gauge		22 AWG
	Number of conductors		4
	Conductor twisting		Yes

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Standards & regulations:

RoHS2 compliant	According EU Directive 2011/65/EU
Reach compliant	According EC 1907/2006
CPR Euroclass	Cca-s1a,d1,a1
Flammability test	According EN 60332-1-2
Indoor / outdoor	UV resistant (UL1581, UVA, 720 h)
Smoke emissions	According IEC 61034
Zero halogen compounds	According EN 50267-2-1
	IEC 60754

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

Mechanical Characteristics:

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

Variants:

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

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