CMX222
Contractor 110Ω DMX-AES cable

PROCAB

★★★★☆

The CMX222 is an 110 Ohm DMX-AES Digital signal cable featuring a Flamoflex™ outer jacket compliant to the IEC 60332-1 standard regarding fire and flammability resistance in public installations. The Flamoflex™ material is specifically designed with installers convenience in mind, offering a smooth and durable outer jacket for easy installation and pulling.

Its 22 AWG (0.34mm²) tinned copper conductor section is surrounded by a double shielding consisting of an aluminum foil and high coverage tinned copper braiding. This ensures an optimal signal transmission with high immunity to noise and interference caused by external devices.
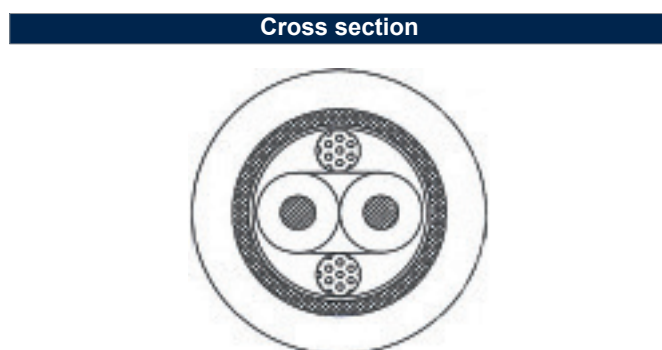
LSHF	IEC 60332	Meter indicator	110Ω Impedance

INSTALL

Physical Characteristics	
Type of cable	110 Ω DMX-AES cable
Inner conductor	TC 17 x 0.16 mm (OFC)
Inner conductor section	0.342 mm²
Number of conductors	2
Insulation	Foamed PE Ø 2.0 mm
Insulation Colour	Red / White
Conductor twisting	Yes
Shielding 1	Al-Mylar
	100% coverage - 25% Overlap
Shielding 2	Braiding TC 16 x 8 x 0.10 mm
	☐75% coverage
Filling	None
Separator	None
Outer Jacket	NHFR
Outer Jacket Colour	Black
Outer Jacket Dimensions	Ø 5.5 mm
American Wire Gauge	22 AWG

Standards & regulations	
RoHS2 compliant	According EU Directive 2011/65/EU
Reach compliant	According EC 1907/2006
Flammability test	According IEC 60332-1
Indoor / outdoor	UV resistant (UL1581, UVA, 720 h)
Circuit integrity	n/a
Smoke emissions	According IEC 61034
Zero halogen compounds	According EN 50267-2-1, IEC 60754
Cabling standard	DMX & AES/EBU (IEC 60956 Type 1)

Mechanical Characteristics		
Temperature range	fixed installation	-20° C till +80° C
	flexible installation	-15° C till +60° C
Bending radius	fixed installation	8 x cable Ø OD
	flexible installation	10 x cable Ø OD

Electrical Characteristics	
Max. conductor DC resistance	59.4 (Ω/Km)
Dielectric strenght	1.5 (KV/1min. DC)
Voltage rating	300V
Characteristic impedance	110Ω +/-10Ω

Ordering & packaging		
CMX222/1	NHFR, IEC 60332-1, Black	100 meter plastic reel

Cross section

Recommended accessories & connections		
XLR Connector	Procab	VC3MX/VC3FX
XLR Connector	Neutrik	NC3MXX/NC3FXX