

## Highlights:

- Silver contacts, black metal XLR housing

## Product information:

The PRX350 is a HighFlex 110 Ohm DMX-AES/ EBU cable (PMX222) assembled on a lightweight, extremely strong and impact resistant plastic reel (CDM310). The cable is solid but flexible constructed featuring a conductor section with two 22 AWG (0.34 mm<sup>2</sup>) tinned copper conductors which are surrounded by a foamed polyethylene isolator. The dual shielding consists of an aluminum foil and high-coverage tinned copper braiding which offers a high immunity against noise and interference caused by external devices, while offering a high flexibility and reliability for mobile applications. The cable end is terminated using a maleNeutrikXLR connector while the chassis side is fitted with both a male and femaleNeutrikXLR connector allowing link-through. The dark grey jacket colour allows to easily distinguish the 1100 DMX-AES cables from standard microphone cables, while remaining discrete.



## Components:

- CableType: PMX222 - DMX-AES cable - flex 2 x 0.34 mm<sup>2</sup> - 22 AWG - HighFlex™
- Reel: CDM310 - Professional plastic cable reel Ø 312 mm
- Connector: NC3MXX - 3 pole male cable connector
- Connector: NC3MD-LX - 3 pole male receptacle, solder cups
- Connector: NC3FD-LX - 3 pole female receptacle, solder cups

## Certification:



## Properties:



## Product Features:

Dimensions	312 x 392 x 234 mm (W x H x D)
Application	Rental & MI
Series	Prime Series

## Physical Characteristics:

Inner conductor	Insulation	Material	FPE 1.6 mm (Ø)
		Colours	White / Red
Overall shielding	Aluminium foil		Al-mylar, 100% coverage - 25% Overlap
	Braiding		TC 16 x 8 x 0.1 mm (Ø) (OFC)
Outer jacket	Material		Highflex PVC 6.5 mm (Ø)
	Colours		Grey
Type of cable			110 Ω DMX-AES cable
Inner conductor	Material		TC 17 x 0.16 mm (Ø) (OFC)
	Section		0.342 mm <sup>2</sup>
Filling			Cotton Yarn
Separator			None
Inner conductor	American Wire Gauge		22 AWG
	Number of conductors		2
Connection type			XLR male (cable) to XLR female & male (chassis)
Fitted connectors			NC3 mXX-BAG, NC3FDLX, NC3 mDLX

## Standards & regulations:

RoHS2 compliant	According EU Directive 2011/65/EU
Reach compliant	According EC 1907/2006
Indoor / outdoor	Indoor
Shielding effectiveness	According EN 50083-2:2001 Class A
Cabling standard	DMX & AES/EBU (IEC 60956 Type 1)

## Electrical Characteristics:

Max. conductor	DC resistance	61 (Ω / Km)
Dielectric strength		1.5 (KV / 1 min. DC)
Rated voltage		300 V
Characteristic impedance		110 Ω ± 10 Ω
Max. shielding DC resistance		21 (Ω / Km)

## Mechanical Characteristics:

Temperature range	Fixed installation	- 40 °C till + 80 °C
	Mobile installation	- 25 °C till + 70 °C
Bending radius	Fixed installation	6 x outer diameter
	Mobile installation	8 x outer diameter

## Variants:

- PRX350/50 - 50 meter