

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 mm²) 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 male Neutrik XLR connector while the chassis side is fitted with both a male and female Neutrik XLR connector allowing link-through. The dark grey jacket colour allows to easily distinguish the 110 Ohm DMX-AES cables from standard microphone cables, while remaining discrete.

Highlights

- Silver contacts, black metal XLR housing

Components

- Connector: NC3MXX - 3 pole male cable connector with nickel housing and silver contacts.
- CableType: PMX222 - DMX-AES cable - flex 2 x 0.34 mm² - 22 AWG - HighFlex™
- Reel: CDM310 - Professional plastic cable reel Ø 312 mm
- Connector: NC3MD-LX - XLR 3-pole male chassis d-size
- Connector: NC3FD-LX - XLR 3-Pole female chassis d-size



Certification



Properties



Usage

MOBILE

RENTAL

STAGE

Product Features

Dimensions

312 x 392 x 234 mm (W x H x D)

Physical Characteristics

Type of cable	110 DMX-AES cable		
Inner conductor	Material	TC 17 x 0.16 mm (Ø) (OFC)	
	Section	0.342 mm ²	
	Number of conductors	2	
Filling	Cotton Yarn		
Separator	None		
Inner conductor	American Wire Gauge	22 AWG	
Fitted connectors	NC3 mXX-BAG, NC3FDLX, NC3 mDLX		
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	
Connection type	XLR male (cable) to XLR female & male (chassis)		

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

Mechanical Characteristics

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