

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 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 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 110O DMX-AES cables from standard microphone cables, while remaining discrete.



Components:

- CableType: PMX222 - DMX-AES cable - flex 2 x 0.34 mm² - 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 | 12.28 x 15.43 x 9.21 " (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 | | 0.00053 "² |
| 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 | - 104 °F till + 176 °F |
| | Mobile installation | - 77 °F till + 158 °F |
| Bending radius | Fixed installation | 6 x outer diameter |
| | Mobile installation | 8 x outer diameter |

Variants:

- PRX350/50 - 50 meter