

Highlights:

- Highflex™ solid & flexible jacket
- 22 AWG stranded conductors
- 0.26 " (Ø) outer diameter
- Oxygen free copper
- 60 mm transparent shrink sleeve
- Silver contacts, black metal XLR housing

Product information:

The PRD953 is a 110 Ohm DMX-AES/ EBU cable constructed using the PMX222 cable and fitted with Neutrik 3-pin XLR connectors. The 22 AWG (0.34 mm²) tinned copper braiding with a double (Al-foil + TC braiding) shielding makes it perfectly suited for professional use in highly demanding applications. The stranded conductors and smooth flexing outer jacket provide a great flexibility with a solid feel. The dark grey outer jacket and the attached shrink sleeve allow to distinguish 110 Ohm cables from others while custom labeling is possible for easy identification. It comes in different lengths from 0.5 meters to 20 meters, providing solutions for all applications.



Components:

- CableType: PMX222 - DMX-AES cable - flex 2 x 0.34 mm² - 22 AWG - HighFlex™
- Connector: NC3MXX - 3 pole male cable connector
- Connector: NC3FXX - 3 pole female cable connector



Certification:



Properties:



Product Features:

| | |
|-------------|--------------|
| Application | Rental & MI |
| Series | Prime Series |

Physical Characteristics:

| | | | |
|-------------------|----------------------|---------|---------------------------------------|
| Inner conductor | Insulation | 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 | | Dark grey |
| Type of cable | | | 110 Ω DMX-AES cable |
| Inner conductor | Material | | TC 17 x 0.16 mm (Ø) (OFC) |
| | Section | | 0.00053 ^{mm} ² |
| Filling | | | Cotton Yarn |
| Inner conductor | American Wire Gauge | | 22 AWG |
| | Number of conductors | | 2 |
| Connection type | | | XLR-3 Male to XLR-3 Female |

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 |

Electrical Characteristics:

| | | |
|--------------------------|-------------|-------------------|
| Capacitance | Cond/Shield | 79 pF / m @ 1 MHz |
| | Cond/Cond | 50 pF / m @ 1 MHz |
| Lead resistance | Shielding | 52 Ω / 100 m |
| Characteristic impedance | | 110 Ω ± 3 Ω |

Wiring Diagrams:



Variants:

- PRD953/0.5 - 0,5 meter
- PRD953/1 - 1 meter
- PRD953/1.5 - 1,5 meter
- PRD953/3 - 3 meter
- PRD953/5 - 5 meter
- PRD953/10 - 10 meter
- PRD953/15 - 15 meter
- PRD953/20 - 20 meter