

### Highlights:

- Silver contacts, black metal XLR housing

### Product information:

The PRX222 is a HighFlex balanced stereo cable (MCX102) assembled on a lightweight, extremely strong and impact resistant plastic reel (CDM310). The cable is constructed as a multi-core with two individual channels for balanced stereo audio transfer. Each channel is constructed using two 24 AWG stranded wires which are surrounded by a dual shielding consisting of a spiral and aluminum foil, offering high immunity against noise and interference caused by external devices, while high flexibility and reliability for mobile applications. Both channel cable ends are separated over a length of 500 mm and come together in a break-out molding with steel hook-up wire. The cable ends are terminated using a male Neutrik XLR connectors (Silver contacts, black metal XLR housing) while the chassis side is fitted with both a male and female Neutrik XLR connector for each channel.



### Components:

- Reel: CDM310 - Professional plastic cable reel Ø 312 mm
- CableType: MCX102 - 2 x Multicore Audio Cable
- Connector: NC3MXX - 3 pole male cable connector
- Connector: NC3FD-LX - 3 pole female receptacle, solder cups
- Connector: NC3MD-LX - 3 pole male 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       | PE 1.4 mm (Ø)  |
|                   |                      | Colours        | White / Red  |
|                   | Shielding            | Spiral         | BC 32 x 0.12 mm (Ø) (OFC)                            |
|                   |                      | Aluminium foil | Al-mylar, 100% coverage - 25% Overlap                |
| Outer jacket      | Material             |                | Highflex PVC 8.8 mm (Ø)                              |
|                   | Colours              |                | Black  |
| Type of cable     |                      |                | 24 AWG Stereo signal cable                           |
| Inner conductor   | Material             |                | BC 20 x 0.12 mm (Ø) (OFC)                            |
|                   | Section              |                | 0.00034 "²   |
| Filling           |                      |                | Cotton Yarn  |
| Separator         |                      |                | Cotton paper   |
| Inner conductor   | Number of conductors |                | 4 (2 pairs)  |
| Connection type   |                      |                | XLR male (cable) to XLR female & male (chassis) - 2x |
| 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 |

## Electrical Characteristics:

|                         |               |                    |
|-------------------------|---------------|--------------------|
| Max. conductor          | DC resistance | 87 (Ω / Km)        |
| Dielectric strength     |               | 2 (KV / 1 min. DC) |
| Rated voltage           |               | 300 V              |
| Shielding effectiveness |               | > 60 dB            |

## Mechanical Characteristics:

|                   |                     |                        |
|-------------------|---------------------|------------------------|
| Temperature range | Fixed installation  | - 104 °F till + 176 °F |
|                   | Mobile installation | - 77 °F till + 158 °F  |
| Bending radius    | Fixed installation  | 8 x outer diameter     |
|                   | Mobile installation | 10 x outer diameter    |

## Variants:

- PRX222/50 - 50 meter

# MCX102

## 2 x Multicore Audio Cable

This cable is only used as a production component for PROCAB pre-made cables and is not sold separately or in bulk. Consult the product sheet for detailed specifications.