

## Highlights:

- Ultraflex™ Ultra flexible jacket
- 24 AWG thin and dense stranded conductors
- 0.26 " (Ø) outer diameter
- Oxygen free copper
- 60 mm transparent shrink sleeve
- Silver contacts, black metal XLR housing

## Product information:

The PRA901 is a high-quality microphone cable constructed using the ultra flexible PMC224 cable and fitted with Neutrik NC3MXX-BAG and NC3FXX-BAG (Silver contacts, black metal XLR housing) connectors. The 24 AWG (0.22 mm<sup>2</sup>) thin & dense stranded bare copper conductors are surrounded by a high coverage spiral shielding. In combination with the thick and soft PVC outer jacket, this provides a flexible but solid feel. The high-purity copper, high-coverage shielding and low capacitance guarantee an optimal signal transmission. The attached shrink sleeve allows custom labeling for easy identification. It comes in different lengths from 0.5 meters to 20 meters, providing solutions for all applications.



## Components:

- CableType: PMC224 - Balanced microphone cable - flex 2 x 0.22 mm<sup>2</sup> - 24 AWG - UltraFlex™
- Connector: NC3FXX - 3 pole female cable connector
- Connector: NC3MXX - 3 pole male cable connector



## Certification:



## Properties:



## Product Features:

|             |      |
|-------------|------|
| Application | null |
| Series      | null |

## Physical Characteristics:

|                 |                      |          |                           |
|-----------------|----------------------|----------|---------------------------|
| Inner conductor | Insulation           | Material | FPE 1.4 mm (Ø)            |
|                 |                      | Colours  | Red / Blue                |
|                 | Shielding            | Spiral   | BC 80 x 0.10 mm (Ø) (OFC) |
| Outer jacket    | Material             |          | UltraFlex PVC 6.5 mm (Ø)  |
|                 | Colours              |          | Black                     |
| Type of cable   |                      |          | 24 AWG Microphone cable   |
| Inner conductor | Material             |          | BC 28 x 0.10 mm (Ø) (OFC) |
|                 | Section              |          | 0.00034 "²                |
| Filling         |                      |          | Cotton Yarn               |
| Inner conductor | Number of conductors |          | 2                         |
|                 | Conductor twisting   |          | Yes                       |
| Connection type |                      |          | XLR- Male to XLR- Female  |

## Mechanical Characteristics:

|                   |                     |                        |
|-------------------|---------------------|------------------------|
| Temperature range | Fixed installation  | - 104 °F till + 176 °F |
|                   | Mobile installation | - 77 °F till + 158 °F  |
| Bending radius    | Fixed installation  | 4 x outer diameter     |
|                   | Mobile installation | 6 x outer diameter     |

## Electrical Characteristics:

|                          |             |                     |
|--------------------------|-------------|---------------------|
| Capacitance              | Cond/Shield | 81.5 pF / m @ 1 MHz |
|                          | Cond/Cond   | 42 pF / m @ 1 MHz   |
| Lead resistance          | Shielding   | 13.4 Ω / 100 m      |
| Characteristic impedance |             | 95 Ω ± 3 Ω          |

## Wiring Diagrams:



## Variants:

- PRA901/0.5 - 0,5 meter
- PRA901/1 - 1 meter
- PRA901/1.5 - 1,5 meter
- PRA901/3 - 3 meter