

## 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 mm²) 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.

## Highlights

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

## Components

- CableType: PMC224 - Balanced microphone cable - flex 2 x 0.22 mm² - 24 AWG - UltraFlex™
- Connector: NC3FXX - 3 pole female cable connector with nickel housing and silver contacts.
- Connector: NC3MXX - 3 pole male cable connector with nickel housing and silver contacts.



## Certification



## Properties



## Usage


RENTAL

STAGE

MOBILE

Physical Characteristics			
Type of cable		24 AWG Microphone cable	
Inner conductor	Material	BC 28 x 0.10 mm (Ø) (OFC)	
	Section	0.22 mm²	
	Insulation	Material	FPE 1.4 mm (Ø)
		Colours	Red / Blue
Number of conductors		2	
Conductor twisting		Yes	
Shielding		Spiral	BC 80 x 0.10 mm (Ø) (OFC)
Filling		Cotton Yarn	
Outer jacket	Material	UltraFlex PVC 6.5 mm (Ø)	
	Colours	Black	
Connection type		6.3 mm jack male to XLR female	

Mechanical Characteristics			Electrical Characteristics		
Temperature range	Fixed installation	- 40 °C till + 80 °C	Capacitance	Cond/Shield	81.5 pF / m @ 1 MHz
	Flexible installation	- 25 °C till + 70 °C		Cond/Cond	42 pF / m @ 1 MHz
Bending radius	Fixed installation	4 x outer diameter	Characteristic impedance		95 ± 3
	Flexible installation	6 x outer diameter	Lead resistance	Shielding	13.4 / 100 m

Wiring Diagrams	Variants
	<ul style="list-style-type: none"> <li>• PRA901/0.5 - 0,5 meter</li> <li>• PRA901/1 - 1 meter</li> <li>• PRA901/1.5 - 1,5 meter</li> <li>• PRA901/3 - 3 meter</li> <li>• PRA901/5 - 5 meter</li> <li>• PRA901/10 - 10 meter</li> <li>• PRA901/15 - 15 meter</li> <li>• PRA901/20 - 20 meter</li> </ul>