

# PRA900

## UltraFlex™ 6.3 mm Jack to XLR female cable

The PRA900 is a high quality microphone cable constructed using the UltraFlex™ PMC224 cable and fitted with Neutrik 6.3 mm Jack and female XLR 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 of 3 meters and 5 meters, providing solutions for all applications.



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### Physical Characteristics

Type of cable	Unbalanced microphone cable
Inner conductor	BC 28 x 0.10 mm (OFC)
Inner conductor section	0.22 mm <sup>2</sup>
Number of conductors	2
Insulation	Foamed PE Ø 1.4 mm
Insulation colour	Red / Blue
Filler	Cotton yarn
Separator	None
Shielding	Spiral BC 80 x 0.10 mm > 88% coverage
Outer jacket	UltraFlex PVC
Outer jacket colour	Black
Outer jacket dimensions	Ø 6.5 mm
American Wire Gauge	24 AWG
Connection type	6.3 mm jack male to XLR female
Fitted connectors	NP2X-B, NC3FXX-BAG

### 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

### Mechanical Characteristics

Temperature range	fixed installation	-40° C till +80° C
	flexible installation	-25° C till +70° C
Bending radius	fixed installation	4 x cable Ø OD
	flexible installation	6 x cable Ø OD

### Ordering & packaging

PRA900/3	3 meter version
PRA900/5	5 meter version

### Electrical Characteristics

Capacitance Cond/Shield @1MHz	81.5pF / m
Capacitance Cond/Cond @1MHz	42pF / m
Characteristic impedance	95Ω
Conductor resistance / 100 m	≤ 13.4Ω
Shield resistance / 100 m	≤ 13.4Ω

### Cross section

