

PRA901



UltraFlex Balanced Microphone Cable

The PRA901 is a high-quality microphone cable constructed using the ultra flexible PMC224 cable and fitted with Neutrik 3-pin XLR 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.

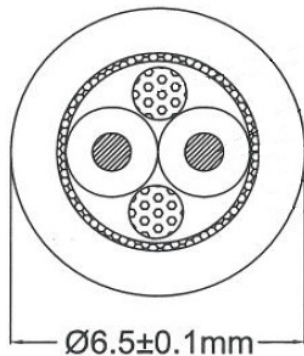
It comes in different lengths from 0.5 meters to 20 meters, providing solutions for all applications.



Construction Specifications	
Type of cable	Balanced Microphone Cable
Inner conductor	 BARE COPPER 28 / 0.10 mm OFC
Inner conductor section	0.22mm ²
Insulation	FPE Ø 1.4 mm
Insulation Colour	Red/Blue
Number of Conductors	2
Conductor Twisting	Yes
Shielding	 BARE COPPER SPIRAL 80 / 0.10 mm
Filling	Cotton Yarn
Separator	None
Outer Jacket	Ultra Flexible PVC
Outer Jacket Colour	Black
Outer Jacket Dimensions	Ø 6.5 mm ± 0.1 mm
American Wire Gauge	24 AWG
Connection Type	XLR-3 Male to XLR-3 Female
Fitted connectors	NC3MXX-BAG, NC3FXX-BAG

Available Lengths			
Order Number	Details	Order Number	Details
PRA901/0.5	0.5 m	PRA901/5	5 m
PRA901/1	1 m	PRA901/10	10 m
PRA901/1.5	1.5 m	PRA901/15	15 m
PRA901/3	3 m	PRA901/20	20 m

Cross Section



Electrical Specifications	
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

Mechanical Specifications		
Temperature range	fixed installation	-40° C till +80° C
	flexible installation	-25° C till +70° C
Bending radius	fixed installation	4 x outer diameter
	flexible installation	6 x outer diameter

Features & Benefits	
Ultra Flexible outer jacket	
Black Neutrik connectors	
Silver contacts	
60 mm transparent shrink sleeve for easy marking	
Thin & dense conductor stranding	
Low capacitance and spiral copper shielding	
Robust due to thick & soft PVC jacket	
Easy winding due to extreme flexibility	
Ideal for studio, stage and mobile applications	
Can withstand an extreme amount of bending cycles	

PRIME SERIES
 ★★★★★

Prime series cables are designed with two main criteria in mind. One is the highest technical specifications that they live up to and the second is the mobile use they are designed for, offering extreme flexibility and durability.