

PRX102

Reel with *HighFlex* balanced microphone cable



★★★★★

The PRX102 is a *HighFlex* balanced microphone cable (RMC306) assembled on a lightweight, extremely strong and impact resistant reel (CDM310).

The conductor section is constructed using two 24 AWG stranded conductors which are surrounded by a braided shielding, offering a high immunity against noise and interference caused by external devices. The cable is jacketed using highly flexible and durable PVC materials, which guarantee a high flexibility and reliability for mobile applications.

The cable end is terminated using a male XLR connector while the chassis side is fitted with both a male and female XLR connector allowing link-through.



MOBILE

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CONNECTORS
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Physical Characteristics

Type of cable	Balanced microphone cable
Inner conductor	BC 20 x 0.12 mm (OFC)
Inner conductor section	0.22 mm ²
Number of conductors	2
Insulation	PE Ø 1.6 mm
Insulation colour	Red / White
Filler	Cotton yarn
Separator	Cotton paper
Shielding	Braiding BC 16 x 4 x 0.12 mm > 63% coverage
Outer jacket	Highflex PVC
Outer jacket colour	Black
Outer jacket dimensions	Ø 6.0 mm
American Wire Gauge	24 AWG
Connection type	XLR male (cable) to XLR female & male (chassis)
Fitted connectors	NC3MXX-BAG, NC3FDLX, NC3M-DLX
Dimensions (W x H x D)	312 x 392 x 234 mm
Weight	

Electrical Characteristics

Max. conductor DC resistance	87 (Ω/Km)
Max. shield DC resistance	38 (Ω/Km)
Dielectric strength	2 (KV/1min. DC)
Voltage rating	300V
Shielding effectiveness	> 55 dB

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	8 x cable Ø OD
	flexible installation	10 x cable Ø OD

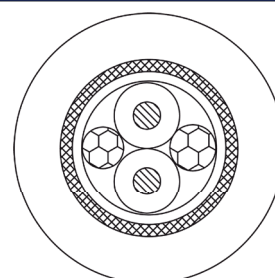
Ordering & packaging

PRX102/50	50 meter version
PRX102/100	100 meter version

Recommended accessories & connections

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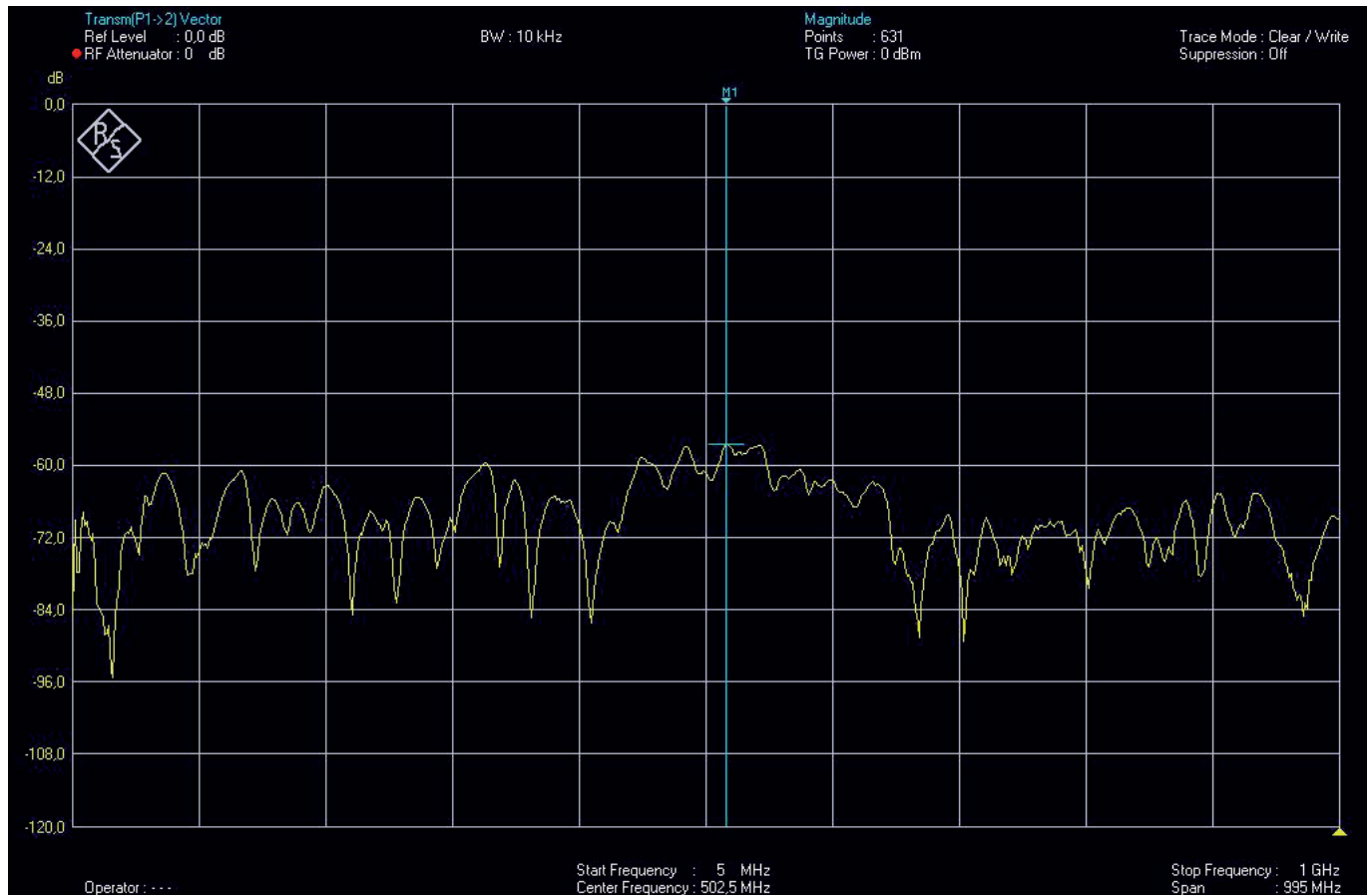
Cross section



Additional specifications

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Shielding effectiveness



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