

PRX350

Reel with *HighFlex* DMX-AES cable



The PRX350 is a *HighFlex* 110Ω DMX-AES cable (PMX222) assembled on a lightweight, extremely strong and impact resistant reel (CDM310).

The cable is solid but flexible constructed featuring a conductor section with two 22 AWG (0.34 mm²) tinned copper conductors which are surrounded by a foamed polyethylene isolator. The dual shielding consists of an aluminum foil and high-coverage tinned copper braiding which offers a high immunity against noise and interference caused by external devices, while offering 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. The dark grey jacket colour allows to easily distinguish the 110Ω DMX-AES cables from standard microphone discrete, while remaining discrete.



MOBILE

STAGE

CONNECTORS BY NEUTRIK® innovative solutions superior quality

DMX-AES
110Ω
Impedance

Physical Characteristics

Type of cable	110Ω DMX-AES cable
Inner conductor	TC 17 x 0.16 mm (OFC)
Inner conductor section	0.342 mm ²
Number of conductors	2
Insulation	Foamed PE Ø 1.6 mm
Insulation colour	Red / White
Filler	Cotton yarn
Separator	None
Shielding 1	Al-Mylar 100% coverage - 25% Overlap
Shielding 2	Braiding BC 16 x 8 x 0.10 mm > 92% coverage
Outer jacket	Highflex PVC
Outer jacket colour	Grey
Outer jacket dimensions	Ø 6.5 mm
American Wire Gauge	22 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	61 (Ω/Km)
Max. shield DC resistance	21 (Ω/Km)
Dielectric strength	1.5 (KV/1min. DC)
Voltage rating	300V
Characteristic impedance	110Ω +/-10Ω

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
Cabling standard	DMX & AES/EBU (IEC 60956 Type 1)

Mechanical Characteristics

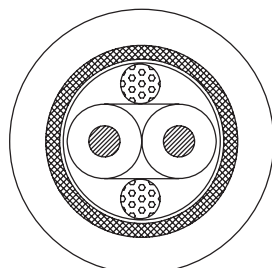
Temperature range	fixed installation	-40° C till +80° C
	flexible installation	-25° C till +70° C
Bending radius	fixed installation	6 x cable Ø OD
	flexible installation	8 x cable Ø OD

Ordering & packaging

PRX350/50	50 meter version
-----------	------------------

Recommended accessories & connections

Cross section



Additional specifications

★★★★★

Shielding effectiveness

