

# PRD955

## HighFlex DMX - 512 Cable

The PRD955 is a 110 Ohm DMX-AES cable constructed using the PMX422 cable and fitted with Neutrik 5-pin XLR connectors. The 22 AWG (0.34 mm<sup>2</sup>) tinned copper braiding with a double (Al-foil + TC braiding) shielding makes it perfectly suited for professional use in highly demanding applications.

The stranded conductors and smooth flexing outer jacket provide a great flexibility with a solid feel. The dark grey outer jacket and the attached shrink sleeve allow to distinguish 110 Ohm cables from others while custom labeling is possible for easy identification.




It comes in different lengths from 0.5 meters to 20 meters, providing a solution for each application.



**DMX/512**

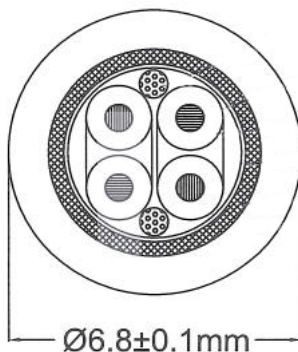
**110Ω**

CONNECTORS BY NEUTRIK®  innovative solutions superior quality

Construction Specifications	
Type of cable	DMX - 512 Cable
Inner conductor	 17 / 0.16 mm OFC
Inner conductor section	0.342mm <sup>2</sup>
Insulation Colour	Red/White/Yellow/Black
Number of Conductors	4
Overall Shield	Shield 1:  ALUMINUM FOIL Shield 2:  TINNED COPPER BRAIDING 16 / 8 / 0.1
Filling	Cotton
Separator	None
Outer Jacket	Highly Flexible PVC
Outer Jacket Colour	Dark Grey
Outer Jacket Dimensions	Ø 6.8 mm ± 0.1mm
American Wire Gauge	22 AWG
Connection Type	XLR-5 Male to XLR-5 Female
Fitted connectors	NC5MXX-BAG, NC5FXX-BAG

Available Lengths			
Order Number	Details	Order Number	Details
PRD955/0.5	0.5 m	PRD955/5	5 m
PRD955/1	1 m	PRD955/10	10 m
PRD955/1.5	1.5 m	PRD955/15	15 m
PRD955/3	3 m	PRD955/20	20 m

### Cross Section



Electrical Specifications	
Capacitance Cond/Shield @1MHz	79pF / m
Capacitance Cond/Cond @1MHz	50pF / m
Inductance Cond/Cond @1MHz	
Characteristic Impedance	110Ω
Conductor Resistance	≤ 52Ω / km
Shield Resistance	≤ 52Ω / km

Mechanical Specifications		
Temperature range	fixed installation	-40° C till +80° C
	flexible installation	-25° C till +70° C
Bending radius	fixed installation	6 x outer diameter
	flexible installation	8 x outer diameters

Typical Applications
Stage lighting
DMX512 protocol
Electronic billboards
Architectural lighting

Features & Benefits
Highly Flexible outer jacket
Black Neutrik connectors
Silver contacts
60 mm transparent shrink sleeve for easy marking
22 AWG Tinned copper conductors
Double shielding (Al-foil + Braiding)
Smooth & durable outer jacket
Ideal for installation, stage & mobile use

**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.