

PMX222

HighFlex DMX - AES Cable

The PMX222 is a 110 Ohm DMX-AES cable which is especially developed for professional use in highly demanding applications. It's 22 AWG (0.34 mm²) tinned copper conductors surrounded by an Aluminum foil and high-coverage tinned copper braiding provide a double layered shielding. This ensures an optimal signal transmission with high immunity against noise and interference caused by external devices.

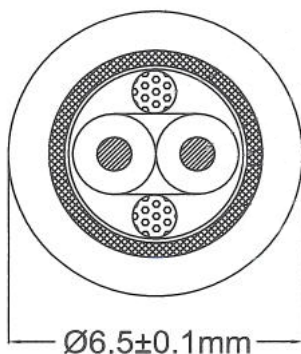
The combination of stranded conductors and the smooth flexible PVC outer jacket provides a great flexibility with a solid feel. The dark grey outer jacket further improves the ease of use by making it easy to distinguish these 110 Ohm cables from standard microphone cables while remaining discrete in installations.



Construction Specifications	
Type of cable	DMX - AES Cable
Inner conductor	17 / 0.16 mm OFC
Inner conductor section	0.342mm ²
Insulation Colour	Red / White
Number of Conductors	2
Overall Shield	Shield 1: ALUMINUM FOIL Shield 2: TINNED COPPER BRAIDING 16 / 8 / 0.1
Filling	Cotton
Separator	None
Outer Jacket	Flexible PVC
Outer Jacket Colour	Dark Grey
Outer Jacket Dimensions	Ø 6.5 mm ± 0.1mm
American Wire Gauge	22 AWG

Available Lengths	
Order Number	Details
PMX222/1	100 m, Dark grey, plastic reel
PMX222/3	300 m, Dark grey, plastic reel

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 diameter

Typical Applications
Stage lighting
DMX protocol
Electronic billboards
AES audio connection
Architectural lighting

Features & Benefits
Highly Flexible outer jacket
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.