PMX222

DMX-AES cable - flex 2 x 0.34 mm² - 22 AWG - HighFlex™

Highlights:

- 22 AWG thin and dense stranded conductors
- Double shielding (Al-foil + Braiding)
- Highflex™ solid & flexible jacket
- 110 Ohm digital signal cable
- Easy pulling capabilities

Product information:

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.

Properties:

Inner Conductors:

Shielding:

Product Features:

Application	Rental & MI
Series	Bulk & Accessories

We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

Physical Characteristics:

Inner conductor	Insulation	Colours	White / Red
	Shielding	Aluminium foil	Al-mylar, 100% coverage - 25% Overlap
		Braiding	TC 16 x 8 x 0.1 mm (Ø) (OFC)
Outer jacket	Material		Flexible PVC 6.5 mm (Ø)
	Colours		Dark grey
Type of cable			110 Ω DMX-AES cable
Inner conductor	Material		TC 17 x 0.16 mm (Ø) (OFC)
	Section		0.00053 “²
Filling			Cotton Yarn
Inner conductor	American Wire Gauge		22 AWG
	Number of conductors		2

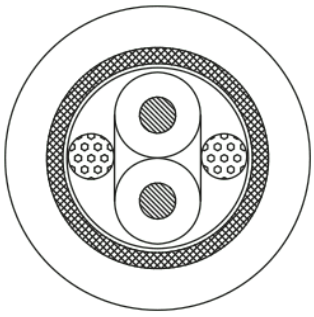
Mechanical Characteristics:

Temperature range	Fixed installation	- 40 °C till + 80 °C
	Mobile installation	- 25 °C till + 70 °C
Bending radius	Fixed installation	6 x outer diameter
	Mobile installation	8 x outer diameter

Electrical Characteristics:

Capacitance	Cond/Shield	79 pF / m @ 1 MHz
	Cond/Cond	50 pF / m @ 1 MHz
Max. conductor	DC resistance	52 (Ω / Km)
Characteristic impedance		110 Ω ± 3 Ω
Max. shielding DC resistance		52 (Ω / Km)

Cross sections:



Variants:

- PMX222/1 - 100 meter, dark grey
- PMX222/3 - 300 meter, dark grey

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