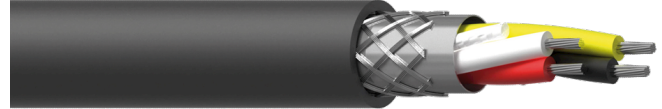


Product information

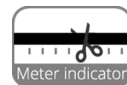
The PMX422 is a 110 Ohm DMX-AES cable which is especially developed for professional use in highly demanding applications. It's 22 AWG (0.34 mm²) tinned copper conductors surrounded by an Aluminum foil and high coverage tinned copper braiding provide a double layered shielding. This ensures an optimal 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.



Highlights

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

Properties



Inner Conductors



Shielding




Usage

RENTAL

Physical Characteristics			
Inner conductor	Insulation	Colours	Black / White / Red / Yellow
Overall shielding	Aluminium foil		Al-mylar, 100% coverage - 25% Overlap
	Braiding		TC 16 x 8 x 0.1 mm (Ø) (OFC)
Outer jacket	Material		Highflex PVC 6.8 mm (Ø)
	Colours		Dark grey
Type of cable			110 DMX-AES cable
Inner conductor	Material		TC 17 x 0.16 mm (Ø) (OFC)
	Section		0.342 mm²
Filling			Cotton Yarn
Inner conductor	American Wire Gauge		22 AWG
	Number of conductors		4

Mechanical Characteristics			Electrical Characteristics		
Temperature range	Fixed installation	- 40 °C till + 80 °C	Capacitance	Cond/Shield	79 pF / m @ 1 MHz
	Flexible installation	- 25 °C till + 70 °C		Cond/Cond	50 pF / m @ 1 MHz
Bending radius	Fixed installation	6 x outer diameter	Max. conductor	DC resistance	52 (/ Km)
	Flexible installation	8 x outer diameter	Characteristic impedance		110 ± 1
				Max. shielding DC resistance	52 (/ Km)

Cross sections	Variants
	<ul style="list-style-type: none"> PMX422/1 - 100 meter, dark grey PMX422/3 - 300 meter, dark grey