# PMX422

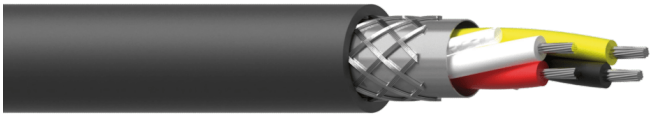
## DMX-AES cable - flex 2 pairs 0.34 mm² - 22 AWG - HighFlex™

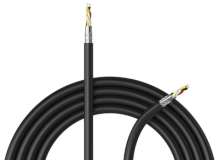
### Highlights:

- 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 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.





### Properties:

### Inner Conductors:

### Shielding:

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

## Product Features:

| | |
|---|---|
| Application | Rental & MI |
| Series | Bulk & Accessories |

## 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 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 | | 4 |

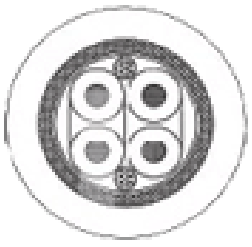
## Mechanical Characteristics:

| | | |
|---|---|---|
| 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 ± 1 Ω |
| Max. shielding DC resistance | | 52 (Ω / Km) |

## Cross sections:



## Variants:

- PMX422/1 - 100 meter, dark grey
- PMX422/3 - 300 meter, dark grey



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