DMX50

DMX-AES cable - flex 2 pairs 0.12 mm² - 26 AWG

Highlights:

- Flexible PVC jacket
- 110 Ohm digital signal cable
- DMX-512
- Double shielding (Al-foil + Braiding)

Product information:

The DMX30 and DMX50 cables are designed for digital signal transmission according to the DMX and AES-EBU standards. These are the most important standards for professional on stage and broadcast use in the field of audio and video, requiring balanced cable connections with a characteristic impedance of 110 Ohm. The DMX30 is a cable for digital signal transmission with a characteristic impedance of 110 Ohm, consisting of two conductors with a section of 0.23 mm², while the DMX50 cable consists of four conductors with a section of 0.12 mm². They are both surrounded with an Aluminum foil and braiding, ensuring the best shielding of the cable, resulting in an excellent protection against interference of all kinds of electromagnetic fields, produced by dimmers, electric motors, power cables and many other electromagnetic interference sources.

Properties:

Inner Conductors:

Shielding:

Usage:

Physical Characteristics:

Inner conductor	Insulation	Material	PE 1.56 mm (Ø)
		Colours	Black / White / Red / Yellow
Overall shielding	Aluminium foil		Al-mylar, 100% coverage - 25% Overlap
	Braiding		TC 16 x 6 x 0.12 mm (Ø) (OFC)
Outer jacket	Material		Flexible PVC 6.5 mm (Ø)
	Colours		Black
Type of cable			110 Ω DMX-AES cable
Inner conductor	Material		TC 10 x 0.12 mm (Ø) (OFC)
	Section		0.12 mm²
Filling			Cotton Yarn
Inner conductor	American Wire Gauge		26 AWG
	Number of conductors		4
	Conductor twisting		Yes

Mechanical Characteristics:

Temperature range	Fixed installation	- 40 °C till + 80 °C
	Mobile installation	- 25 °C till + 70 °C
Bending radius	Fixed installation	8 x outer diameter
	Mobile installation	10 x outer diameter

Cross sections: