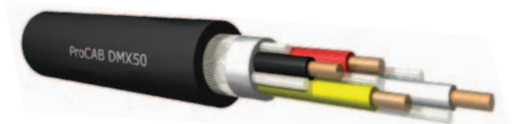


**DMX-AES & DMX-512 CABLE**  
**DMX30**



**DMX50**



DMX-AES

DIGITAL AUDIO

OUTER DIAMETER

Ø 6-6,5 mm

APPLICATIONS

Cable special designed for digital signals as DMX and AES



The DMX30 and DMX50 cables are designed for digital signal transmission according to the DMX and AES-EBU standard. These are the most important standards for professional on stage and broadcast use in the field of audio and vdeo, 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 mm<sup>2</sup>, while the DMX50 cable consists of four conductors with a section of 0,12 mm<sup>2</sup>. 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

<p>Inner Conductor <b>BARE COPPER</b></p>	<p>Shielding <b>BARE COPPER BRAIDING</b></p>	<p><b>TINNED COPPER BRAIDING</b></p>	<p><b>ALUMINUM FOIL</b></p>
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Type of cable	DMX30	DMX50
Inner conductor	BC 20 x 0,12 mm	TC 10 x 0,12
Inner conductor section	0,23 mm <sup>2</sup>	0,12 mm <sup>2</sup>
Isolation	Foamed PE Ø 1,6 mm	PE Ø 1,56 mm
Isolation colour	Red / White	Black / Red / White / Yellow
Number of conductors	2	4
Conductor twisting	Yes	Yes
Shielding	BC 16 x 4 x 0,12 mm - Braiding Aluminum foil	TC 16 x 6 x 0,12 mm - Braiding Aluminum foil
Shielding %	100%	100%
Filling	Cotton yarn	Cotton yarn
Outer jacket	Flexible PVC	Flexible PVC
Outer jacket colour	Black	Black
Outer jacket dimensions	Ø 6,0 mm	Ø 6,5 mm
American Wire Gauge	24 AWG	26 AWG

**MECHANICAL SPECIFICATIONS**

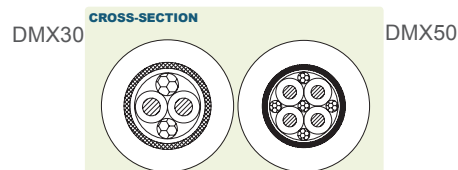
Temperature range	fixed installation	-40° C till +80° C
	flexible installation	-25° C till +70° C
Bending radius	fixed installation	8 x outer diameter
	flexible installation	10 x outer diameter

**ATTENUATION SPECIFICATIONS**

Attenuation (dB/100 m.)	5 Mhz	10 Mhz	25 Mhz	50 Mhz	75 Mhz	100 Mhz
DMX30	8,8	13,97	17,19	31,499	39,88	50,49
DMX50	7,20	9,60	14,90	22,30	30,40	40,00



Available Lengths: \_\_\_\_\_  
100 m plastic reel



Data  
BULK CABLES

