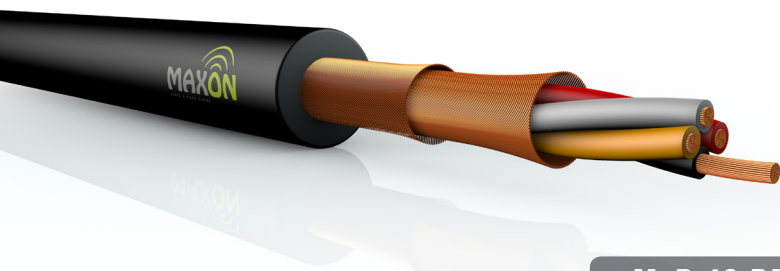


AES/EBU & DMX CABLES

Balanced 110 Ω



OFC

DIGITAL

HALOGEN FREE

MxD 42 DMX512 FRNC

CONSTRUCTION DATA

Core Numbers x Section	4 x 0,22 mm ² (AWG 24)
Stranded Copper Conductor	7 x 0,20 mm $\varnothing$ Stranded Copper
Conductor Insulation	1,60 $\pm$ 0,05 mm $\varnothing$ Foam-Skin Pe
Conductor Color Code	Blue / Red / Black / Green
1st Shield	Copper spiral shield
2st Shield	Copper spiral shield
Shielding Factor	100%
Outer Sheath	Frnc Compound 
Outer Diameter	6,1 $\pm$ 0,1 mm $\varnothing$
Weight	76 kg/100m

ELECTRICAL DATA

Conductor Resistance	< 85 Ω / km
Shield Resistance	< 39 Ω / km
Insulation Resistance	> 2000 M Ω x km
Velocity of Propagation	78%
Capacitance core/core	45 pF / m
core/screen	130 pF / m
Nominal Impedance 1 KHz	110 Ω /100 m
Attenuation 1 MHz	2,2 dB
3 MHz	3,8 dB
10 MHz	6,9 dB
Test voltage core/core	0.5 kVeff
core/screen	1.0 kVeff

MECHANICAL DATA

Minimum bending radius	5 x D (D= outer diameter)
Temperature range	-25° C to + 70° C

APPLICATION

Maxon AES/EBU DMX Digital cables are engineered for digital AES/EBU audio equipment and for DMX512 data transmission in lighting control applications. They feature 110 ohm nominal impedance and an extremely low capacitance. The Low Smoke Zero Halogen sheath makes it ideal for use in public buildings where Low Smoke Zero Halogen is specified.

ISO9001
CERTIFIED



STUDIO
INSTALLATION


maxon
AUDIO & VIDEO CABLE