

AES/EBU & DMX-CABLES



OFC

DIGITAL

FLEX

GAD 22 DMX-AES/EBU

CONSTRUCTION DATA

Core Numbers x Section	2 x 0,22 mm ² (AWG 24)
Stranded Copper Conductor	7 x 0,20 mm Ø Stranded Bare Copper
Conductor Insulation	1,50 ± 0,05 mm Ø Foam-Skin Pe
Conductor Color Code	Blue / White
1st Shield	Copper spiral shielding
Shielding Factor	95%
Outer Sheath	PVC Matt
Outer Diameter	6.5 mm ± 0.2 mm
Weight	4,9 kg/100m

ELECTRICAL DATA

Conductor Resistance	< 87 Ω / km
Shield Resistance	< 30 Ω / km
Insulation Resistance	> 200 MΩ x km
Velocity of Propagation	78%
Capacitance	45 pF / m (core/core) 115 pF / m (core/screen)
Nominal Impedance	6 KHz 110±10% Ω /100 m
Attenuation	1 MHz 1,5 dB 3 MHz 3,8 dB 10 MHz 5,9 dB
Test voltage	0.5 kVeff (core/core) 1.0 kVeff (core/screen)

MECHANICAL DATA

Minimum bending radius	10 x D (D= outer diameter)
Temperature range	Mobile installation - 5° C to + 70° C Fixed installation -30° C to +70° C

APPLICATION

Gabriel AES/EBU DMX Digital cables are engineered for digital AES/EBU audio equipment and for DMX data transmission in lighting control applications. They feature 110 ohm nominal impedance and an extremely low capacitance.

ISO9001 CERTIFIED

RoHS COMPLIANT

CE

MOBIL
STUDIO
INSTALLATION
STAGE
GABRIEL