

AES/EBU & DMX-CABLES



OFC

DIGITAL

FLEX

GAD 23 DMX-AES/EBU

CONSTRUCTION DATA

Core Numbers x Section	2 x 0,34 mm ² (AWG 22)
Stranded Copper Conductor	19 x 0,15 mm ø Stranded Copper
Conductor Insulation	1,50 ± 0,05 mm ø Foam-Skin Pe
Conductor Color Code	Blue / White
Filling Material	Cotton filler
Shield	Copper spiral shielding CU bare
Shielding Factor	95%
Outer Sheath	PVC Matt-Black
Outer Diameter	6,5 ± 0.2 mm
Weight	5,0 kg/100m

ELECTRICAL DATA

Conductor Resistance	< 55 Ω / km
Shield Resistance	< 25 Ω / km
Insulation Resistance	> 200 MΩ x km
Capacitance	58 pF / m (core/core) 120 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	8 x D (D= outer diameter)
Temperature range	Mobile installation - 5° C to + 70° C Fixed installation -25° 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.



MOBIL
STUDIO
INSTALLATION
STAGE
GABRIEL