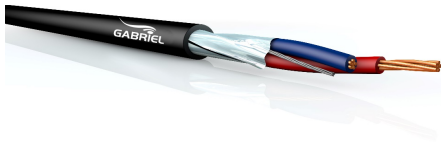


AES/EBU & DMX-CABLES



OFC

DIGITAL

HALOGEN FREE

GAD 22 SMART DMX-AES/EBU FRNC-C

CONSTRUCTION DATA

Core Numbers x Section	2 x 0,22 mm ² (AWG 24)
Stranded Copper Conductor	7 x 0,20 mm ϕ Stranded Bare Copper
Conductor Insulation	1,70 \pm 0,05 mm ϕ Foam-Skin Pe
Conductor Color Code	Blue / Red
Stranded Drain Wire	7 x 0,20 mm ϕ Tinned copper
Shielding	Al / Pes - Foil
Shielding Factor	1
Outer Sheath	LSZH Compound
Outer Diameter	4,8 mm \pm 0.2 mm
Weight	15,6 kg / Km

ELECTRICAL DATA

Conductor Resistance	< 86 Ω / km	
Shield Resistance	< 30 Ω / km	
Insulation Resistance	> 200 M Ω x km	
Velocity of Propagation	0,78	
Capacitance	36 pF / m (core/core)	
Nominal Impedance	6 KHz	110 \pm 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.

Gabriel audio cable products have low smoke density , halogen free and they don't emit poisonous gases.



MOBIL
STUDIO
INSTALLATION
STAGE
GABRIEL