



AES/EBU & DMX CABLES

110 Ω



VD 426 DMX 512

✓ MOBILE ✓ STUDIO ✓ INSTALLATION ✓ STAGE

sPVC OFC DIGITAL

APPLICATION

DMX 512 Lighting control cable is a true DMX cable with an exceptionally durable and flexible construction. Cable specification two pair and 110 impedance, ultra low capacitance, double shielded. Unlike conventional cables that are not intended for data transmission

CONSTRUCTION DATA

Core Numbers x Section	4 x 0,22 mm ² (AWG 24)
Stranded Copper Conductor	28 x 0,10 mm ø Stranded Bare Copper
Conductor Insulation	1,60 ± 0,05 mm ø Foam-Skin Pe
Conductor Color Code	Blue / Red / Black / Green
1st Shield	Copper spiral shield
2nd Shield	Copper spiral shield
Shielding Factor	100%
Outer Sheath	sPVC Matt
Outer Diameter	6,5 mm ø
Weight	7.6 kg/100 m

ELECTRICAL DATA

Conductor Resistance	< 86 Ω / km
Shield Resistance	< 39 Ω / km
Insulation Resistance	> 2000 MΩ 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	8 x D (D= outer diameter)
Temperature range	
Mobile installation	- 5° C to + 70° C
Fixed installation	-30° C to + 70° C

■ BLACK

