



## AES/EBU & DMX CABLES 110 Ω



**VD 426 DMX 512 LSZH**

✓STUDIO ✓INSTALLATION

HFFR 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 These types of audio cables have low smoke density , halogen free and they don't emit poisonous gases.

### CONSTRUCTION DATA

Core Numbers x Section	4 x 0,22 mm <sup>2</sup> (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	HFFR Compound
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
	3 MHz 2,2 dB
	10 MHz 3,8 dB
Test voltage	6,9 dB
	core/core 0.5 kVeff
	core/screen 1.0 kVeff

### MECHANICAL DATA

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

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