

AUDIOLAN6ATR4CCA10

**CAT.6A RIGID ETHERNET CABLE - 4
PAIRS - S/FTP - 500 MHz - GREY
LSZH**



DESCRIPTION

Rigid Ethernet Cable - Cat.6A - S/FTP - 10 Gbit - 500 MHz - AWG 23 - Grey LSZH Outer Jacket



ADVANTAGES

- Impedance 100 Ohms
- CPR Level - Euroclass Cca, S1, d1, a1
- High electromagnetic immunity
- Low space requirement



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CONSTRUCTION & TECHNICAL PERFORMANCE

Core gauge	AWG24
Core composition	Solid red copper conductor
Assembly type	Pairs
Outer Sheath Material	LSZH
Color	Grey
Nom. diameter of the outer sheath (mm)	7.00
Ground drain presence	Yes
Shielding type	F/UTP
Weight (Kg/Km)	70

ELECTRICAL CHARACTERISTICS

Loop resistance (Ω / Km)	137
Linear electrical resistance (Ω /Km)	137
Mutual Capacity	< 45 pF
Capacity Imbalance	< 1600 pF/km

TRANSMISSION CHARACTERISTICS

Coupling attenuation (dB)	65
Delay skew	78
Propagation speed (%)	78
Segregation Class	D
Performance Category	Category 6A
Data Transmission Standard	EIA/TIA 568-C.2 Cat6A
Characteristic Impedance (Ohms)	100 Ohms
Conductor/Conductor Capacitance	43 nF/km

MECHANICAL CHARACTERISTICS

Bending Radius in Fixed Installation	8 x Ø ext
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ENVIRONMENTAL CHARACTERISTIC

CPR classification	Cca s1, d1, a1
Fire behaviour	IEC 60332-1
Smoke emission	IEC61034-1
Gas emission	IEC60754-2
RoHS Compliance	yes
Component Standard	IEC 61156-5 Cat6A

ADDITIONAL INFORMATION

Product Packaging

Drum of 1000m

Additional Information

