



Industrial 4 Port XLR to Fiber Media Converter (Pair)

IM-UM-XL04-0010

Product Description

The Industrial 4 Port XLR to Fiber Media Converter leverages advanced digital coding technology, providing high quality, bidirectional transmission of audio, data, dry contact, and ethernet signals over a single-mode optical fiber. The device is capable of long distance transmission up to 100 km without signal distortion or need for a relay.

The media converter system includes both a transmitter and a receiver and supports versatile configurations, allowing either 2-channel bidirectional or 4-channel unidirectional audio modes to meet different application needs. Housed in an IP40 rated aluminum alloy shell, the device offers durability and reliability in industrial environments.





Ports Interface

XLR	4x XLR ports
Optical	1x optical port for single mode single fiber: SC (9/125μm)

Power

Power Input	12VDC
Self Consumption	4W

Indicators

PWR	Power status
SYN	Connection status
A1-A4	Port status

Physical Properties

Weight	800g
Case Material	Aluminum
Dimensions (H x D x W)	50mm x 140mm x 170mm
Mounting	Optional wall mount included

Technical Specifications

Signal Level	0.5–4 Vp-p
Impedance	600Ω
AD/DA Resolution	24 bit
Sampling Rate	128 kHz
Frequency Range	20 Hz–20 kHz
Total Harmonic Distortion	< 1%
Signal to Noise Ratio	> 85 dB
Transmission Distance	Up to 80 KM

Environmental Standards

Rating	IP40
Storage Temperature	-40°C to 85°C
Operating Temperature	-10°C to 70°C
Humidity Tolerance	5% to 95%

Any questions?

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