

2 Channel **Bidi** XLR Audio To Fiber Converter

Introduction :

The balanced audio optical transceiver adopts the internationally advanced digital Gigabit optical fiber transmission technology. Real-time synchronization without distortion on a single optical fiber, and high-quality balanced audio signals are transmitted over a minimum distance of 20KM. The optical transceiver adopts all-digital uncompressed transmission technology. This optical transceiver has high stability, all optical and electrical interfaces comply with international standards, and is suitable for different working environments. The optical transceiver has a link status indicator. Through the indicator lights on the panel, you can know whether the transceiver and transmission link are operating normally. It can be flexibly customized according to the different needs of users. The plug-and-play design is easy to install and requires no on-site debugging. The above-mentioned optical transceiver can be installed in a stand-alone or rack-mounted manner.



Weight =0.36kg/pc



Features :

All surface technology patches

Aluminum alloy fine casing

With APC circuit, constant output optical power and large dynamic range

Gigabit optical fiber transmission, large capacity, easy to upgrade

LEDs for power and other parameter status indication monitor system health

Advanced adaptive technology, no on-site electrical or optical adjustments are required during use

Application :

Intelligent Traffic Monitoring System (ITS)

Security system

TV medical

Remote multimedia teaching/campus monitoring

Video and telephone conference

Long-distance radio and television transmission system

Building control system

Parameters :

Audio	
Audio input/output impedance	600 Ohm (balanced)
Audio maximum input/output voltage	3.0Vp-p
Frequency response	10~3kHz
Total harmonic distortion	<0.05%
signal-to-noise ratio	> 95dB
Channel physical interface	XLR
Fiber (20KM)	
Wavelength	1310nm/1550nm
Fiber type	9/125u single mode
Output power	-8~3dBm
Sensitivity	-14~17 dBm
Fiber port	FC/SC/ST optional
General parameters	
Power	220V
Working temperature	-35 ~70

Working humidity	0~95%(No condensation)
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Connection

示意图为单向传输，双向传输同理；
功放输出为大功率信号，不能接发射端输入，避免损坏设备。

连接示意图

