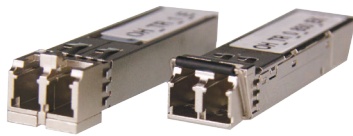


### MADI / Fiber Transceiver

- MADI Optical to MADI Coaxial converter
- Supports up to 64 channels of audio (IN and OUT)
- Real time conversion with no degradation of signal quality
- Singlemode and Multimode versions
- Up to 10km (6.2 miles) using Singlemode fiber
- Up to 550m (1804 feet) using Multimode fiber
- Duplex LC optical connections
- Supports hot swapping and hot plugging



Singlemode SFP    Multimode SFP

Using the same basic module we provide two versions suitable for singlemode or multimode fiber. Each version has a different SFP installed.

The OTR 1210 is a MADI fiber transmitter and receiver combined in a single package. The module is designed to convert up to 64 audio channels bidirectionally (64 IN & 64 OUT) between MADI Optical and MADI Coaxial (electrical) formats. Conversion is real time [no latency] and does not degrade the signal quality.

The OTR 1210 is compact and cost-effective solution to extend the reach of MADI audio over long distances. When paired with another OTR 1210 at the receiving end (using two fiber links) you have a cost-effective, zero latency MADI extender system for distances up to 10km

Two versions are available. The singlemode fiber version will transport MADI over distances up to 10km, and the Multimode version up to 550m.

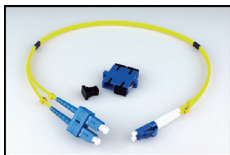


### Technical Specifications

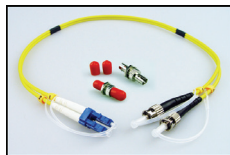
<b>Coax Input</b>	1 x 75 Ohm BNC connector Supported standards: AES10-2008 Cable length 250m ( Belden 1694A )
<b>Coax Output</b>	1 x 75 Ohm BNC connector Amplitude: 750mV P/P Cable length 250m ( Belden 1694A )
<b>Fiber Optic</b>	1 x fiber optic input 1 x fiber optic output Duplex connection using LC Connections  <b>Singlemode Version: OTR 1210</b> Transmitter: 1310nm (-3dBm) Receiver sensitivity: 1260nm to 1620nm (-3dBm to -21dBm) Max. Distance 10km ( 6.2 miles )  <b>Multimode Version: OTR 1210 MM</b> Transmitter: 850nm ( -2dBm to -7dBm ) Receiver sensitivity: 850nm ( 0dBm to -15dBm ) Max. Distance 550m ( 1804 feet )
<b>Power</b>	+12VDC @ 2.6W nominal - ( supports 7 - 16VDC input range ) LED power present indicator
<b>Physical</b>	Size: 140mm x 42mm x 22mm ( 5.51" x 1.65" x 0.86" ) including connectors Weight: 125g ( 4.4oz )
<b>Ambient</b>	5 - 40°C ( 41 - 104°F ) 90% Humidity ( non condensing )
<b>Model #</b>	OTR 1210 (Singlemode) - ( EAN# 4250479324671 ) OTR 1210 MM (Multimode) - ( EAN# 4250479324688 )
<b>Includes</b>	Module, AC power supply

### Fiber Adapter Options (singlemode only not multimode)

These adapter kits allow the use of ST or SC fiber connections on the module. SMF 0.5m (19.6") tail introduces less than 0.25dB attenuation.



Model# **LC/SC DUP**  
LC/PC to SC/PC Adapter



Model# **LC/ST DUP**  
LC/PC to ST/SC Adapter

### Power Adapter Options

The kit **INCLUDES** AC power supplies. The power adapters below are optional.



**P-TAP 1000**  
Use with a standard battery P-TAP power source.



**XLR 1000**  
Use with a standard 4 pin XLR camera battery power source.

Specifications subject to change