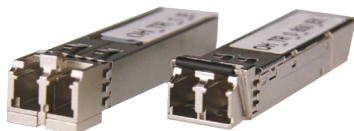


## MADI / Fiber Transceiver

- 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
- Two Multimode versions available 850nm or 1310nm
- Duplex LC optical connections
- Supports hot swapping and hot plugging



Singlemode SFP      Multimode SFPs

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 bi-directionally (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.

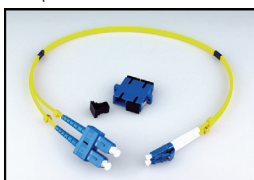
The OTR 1210 is compact and cost effective solution to extend the reach of MADI audio over long distances. When paired with another OTR 1210 at the receiving end (using two singlemode fiber links) you have a cost effective, zero latency MADI extender system for distances up to 10km\*

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

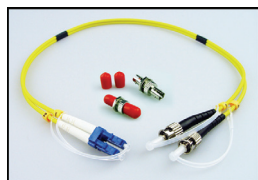
*Note: For connectivity to third party MADI Multimode fiber equipment the 1310nm version should be used.*

## Fiber Adapter Options

Note: Fiber adapters are for use with singlemode fiber only. Not compatible with Multimode fiber



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



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



## 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 - 850</b> Transmitter: 850nm (-9.5dBm to -3.5dBm) Receiver sensitivity: 850nm (0 to -18dBm) Max. Distance* 550m ( 1804 feet )  <b>Multimode Version: OTR 1210 MM - 1310</b> Transmitter: 1310nm (-20dBm to -14dBm) Receiver sensitivity: 1270nm - 1620nm (-30dBm) 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 - 850 (Multimode) - ( EAN# 4250479324688 ) OTR 1210 MM - 1310 (Multimode) - ( EAN# 4250479326224 )
<b>Includes</b>	Module, AC power supply, transport case

## Power Adapter Options

The kit **INCLUDES** AC power supply. 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.

\* Distance is an approximation. Actual distances achieved can be longer or shorter depending on the type of fiber cable and accumulated optical losses in the fiber link. Determine link losses and perform optical budget calculations to ensure correct operation.

Specifications subject to change