MADI / Fiber Bidirectional Transceivers

- Bidirectional MADI send and receive over single fiber link
- MADI Optical to MADI Coaxial converters
- Supports up to 64 channels of audio (IN and OUT)
- Real time conversion with no degradation of signal quality
- Closed loop WDM fiber system
- Distances up to 10km (6.2 miles) over SMF fiber
- Supplied as matched pair (A and B version)
- Simplex LC singlemode optical connection
- Supports hot swapping and hot plugging

The OBD 1210 is a matched pair of compact MADI fiber transceivers designed to extend the reach of MADI signals over long distances (up to 10km).

The modules are 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), does not degrade the signal quality and only requires a single bidirectional fiber link between the modules. (singlemode fiber)

The OBD 1210 solution is supplied as a complete kit which includes two matched modules, two power supplies and a transport case.

Note: This system used WDM optical multiplexing and should only be used in point to point applications. This solution cannot be integrated into a CWDM multiplexed system.

Fiber Adapter Options

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.

Power Adapter Options

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

Specifications subject to change