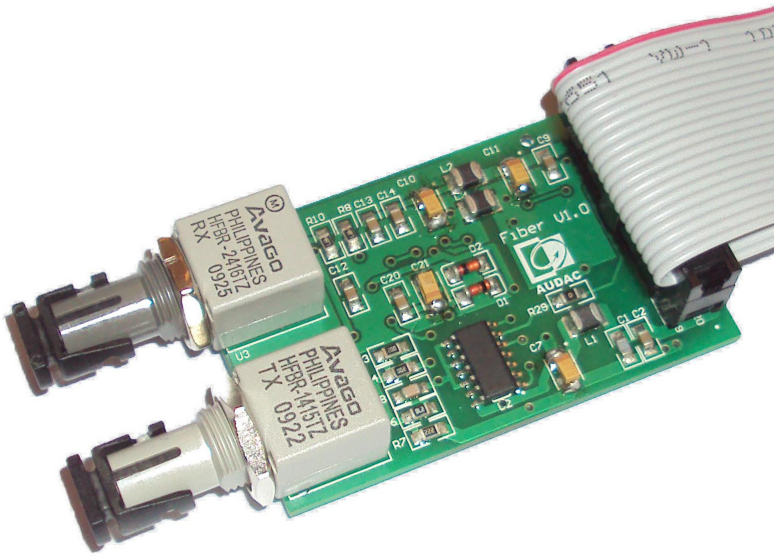
OPT2

Matrix Fiber Interconnection module

Features

- Transfer up to 16 audio channels (8 stereo)
- Up to 1000 meters
- 62.5 / 125 µm Multimode glass fiber
- ST/PC connectors
- 820 nm Wavelength
- -10.5 dBm ouput power



Applications

- Any application where several R2's and/ or M2's needs to be cascaded and large distances need to be covered between several devices.

The OPT2 is a fiber interconnection interface for the R2 and M2 Digital Multi-Zone & Multi-Media Matrix Systems.

This module makes it possible to transfer up to 16 digital audio signals over one single fiber conductor (8 stereo channels) for covering large distances.

A duplex 62.5 / 125 µm multimode glass fiber terminated with ST/PC connectors should be used for linking the devices with each other.

The wiring of the entire system needs to be done according to a closed loop principle where the output is connected to the input of the next device in the chain and the last device gives feedback to the input of the first device.

Multiple devices (up to 15 pcs) can be cascaded through series linking with a maximum distance of 1000 meters between two devices.

The especially developed protocol for this purpose is guarantees an accurate signal transmission with maximal speed and reliability

The OPT2 includes all the software and accessories (except the fiber) which are necessary to control and configure the system. The selection of the signals to be transfered and the zone assignment can be made in the user interface of the system.

Recommended fiber to be used in combination with OPT2 is 'Procab FBS125 Duplex Fiber Optic ST/PC to ST/PC 62.5/125µm'.

Specifications

PRODUCT FEATURES	
Used cable	62.5 / 125 µm multimode glass
Connectors	ST/PC Connectors
Wavelength	820 nm
Max length	1000 meter
Output power	-10.5 dBm peak
SYSTEM SPECIFICATIONS	
Dimensions (Width x Height x Depth)	70 x 30 x 12 mm
Optional accessories	Procab FBS125 Duplex Fiber Optic ST/PC to ST/PC 62.5/125 µm

*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our products