



OPT2

Optical fiber kit

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 guarantees an accurate signal transmission with maximal speed and reliability. The OPT2 includes all software and accessories (except the fiber) which are necessary to control and configure the system. The selection of the signals to be transferred 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 62.5/125 μm '. This optic transmitter is compatible with 50/125 μm , 62.5/125 μm , 100/140 μm , and 200 μm HCS® Fiber.



System specifications:

Used cable	62.5 / 125 μm multimode glass	
Connectors	ST/PC Connectors	
Wavelength	820 nm	
Max. length	1000 m	
Outputs	Power	-10.5 dBm peak

Product Features:

Dimensions	70 x 30 x 12 mm (W x H x D)	
Accessories	Optional	Procab FBS125 Duplex fiber connection cable ST/PC