



1-2 CH Audio transmission to Fiber Optic converters



Overview

Audio Digital Optical Converter adopt the advanced international digital audio and optical fiber transmission technology, and implement the transmission of real-time & synchronization, no-distortion and high quality audio effect, which can meet the user's requirement; the play-and-plug design makes the installation more convenient and easier, and it is unnecessary to implement the spot adjustment.

Its optical module and core circuit use high quality components that have high stability, and all optical & electrical interfaces conform to the international standard, which is applied to the different working environment. This optical transceiver with optical status indication can monitor the normal operation of system.

Features

- Chassis mount or standalone type, which can be install in centralized management 2U/4U Chassis.
- 24-bit 48KHz digital code and non-compression type audio transmission
- With APC circuit, constant input optical power, and large dynamic range
- Kilo mega optical fiber transmission, large capacity, and easy to upgrade
- Power supply and other parameter state indication, which can monitor the operation condition of system
- Support no-damage regenerative trunk of video
- Advanced self-adapting technology, and it is unnecessary to implement filed adjustment of electronics or optics function
- Industry-grade design and modularization design make the equipment reliable and flexible
- Can automatically restore the fuse of power supply
- Full built-in power supply and the appearance design of shell are unique.

**Technical Indexes**

Parameter	Specifications
Audio	
Interface port	The industry standard connecting terminal
Audio input/output impedance	600Ω(imbalance)
Audio input/output voltage	2Vpp (typical value)
Audio input/output level	0 dBm (typical value)
Audio bandwidth	20kHz
Audio digital bandwidth	24 bit
Audio signal-to-noise ratio	S/N ≥95dB (weighted)
Optical	
Connector	FC or SC or ST
Fiber type	Single-mode, single fiber or multi-mode, single fiber
Transmission distance	0Km-100Km(Optional)
Environmental requirement	
Operating temperature	-30℃ ~+75℃
Storage environment	-40℃ ~+85℃
Relative humidity	0-95% (no condense)
Power supply voltage	AC220V/50Hz
Dimensions	10.8*10.6*2.7 (cm)