

EL-AD1202 T/RX

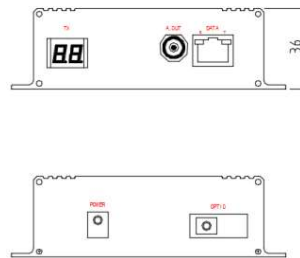
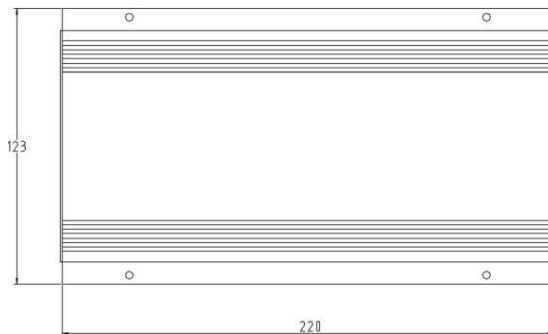
DIGITAL AUDIO+DATA LINK



INNOBIZ



Dimensions



W123 x H36 x D220

Description

본 제품은 MIC 의 단방향 1채널음성신호 (PRE-AMP출력) 및 콘트롤 키보드와 리시버 BOX간의 양방향 콘트롤 데이터 1채널을 광케이블 1core로 전송하는 장비이다.

Features

- 고품질의 음성 및 데이터 전송
- 10 bit Digital link
- RS-232C, RS-422, RS-485 지원
- 광통신의 광학적특성을 이용한 장거리 무중계 전송
(최대 전송가능거리 40Km)
- 광 케이블 단선표시기능 내장
- AC 110V / 220V 겸용
- 600 Ohms unbalanced (Audio)

Ordering Information

	PART NUMBER	DESCRIPTION	OPTICAL PWR BUDGET	MAX DISTANCE (Option)
SINGLE-MODE 9/125um	EL-AD1202 TX	1ch A Transmitter / 1ch D Transceiver	7dB	20Km
	EL-AD1202 RX	1ch A Receiver / 1ch D Transceiver		
	EL-AD1402 TX	1ch A Transmitter / 1ch D Transceiver	13dB	40Km
	EL-AD1402 RX	1ch A Receiver / 1ch D Transceiver		

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AUDIO

Audio in/output: 0dBm r.m.s(2.2V pk-pk)

Audio Bandwidth: 20 Hz – 20 KHz

Total harmonic distortion: -62dB 1 KHz

Signal-to-Noise Ratio: >67dB

Channel : 1ch

DATA

Data Interface: RS-232,RS-422, RS-485, with Tri-State

Data Format: NRZ, RZI, Manchester, Bi-phase

Data channel : 1ch

Data Rate: DC – 2Mbps(NRZ)

Bit Error Ratio: < 1 in 10 E-9

Operating Mode: Simplex or Full-Duplex

WAVELENGTH

TX 1550T /1310R RX 1310T / 1550R

OPTICAL EMITTER

Laser Diode

NUMBER OF FIBER

1Core

CONNECTORS

Audio : RCA

Data : RJ-45

Optical : SC Connector

ELECTRICAL&MECHANICAL

Power : 12 VDC @ 1.2A

Surface Mount : From Rack

Number of Rack Slots : 12

Power Consumption : 1 card (0.3A)

Current Protection : Automatic Resettable Solid-State Current limiters

SIZE(WxHxD)

Module Type : 123 x 36 x 220mm

3u Card Type : 25 x 128 x 224mm

1u Rack Mount : 483 x 44 x 300mm

3u Rack Mount : 483 x 132 x 275mm

ENVIRONMENTAL

MTBF : > 100,000 hours

Operating Temp : -20°C to +70°C

Storage Temp : -40°C to +85°C

Relative Humidity : 0% to 95% (non-condensing)