

DIGITAL 1ch AUDIO WITH 1ch CONTACT CLOSURE LINK
PRODUCT SPECIFICATION **EL – AR2202 TX / RX SERIES**



DESCRIPTION

The ELIM EL-AR2202 TX/RX series transceiver supports 1 channel of digital audio transmission and contact closure signals over a single-mode optical fiber. It is suitable for long haul transmission application without any noise or electromagnetic interference. The modules are universally compatible with general purpose audio signal transmission system. Plug-and-play design ensures ease of installation requiring no electrical or optical adjustments. Each Transceiver incorporates status indicating LED's for monitoring of proper System operation.

APPLICATION

- .CCTV, ITV and traffic control System
- .CATV System
- .Security System
- .Process control and monitoring System

FEATURES

- . Digitally encoded 16 bit high quality digital audio
- . 600 Ohms unbalanced digital audio I/O
- . Contact Closure Input/Output (NC & NO)
- . Plug-and-Play Installation (Adjustment-Free)
- . LED Status Indicators For Monitoring system status
- . Hot-Swappable Rack Modules
- . Automatic re-settable Fuses
- . Free voltage Power Input
- . Transmission distances up to 190 km
- . Registration of EMI/EMC, K-Mark, UL certification INNO-BIZ, Good Software and Venture Business

NMS (option)

- . Displays local audio status.
- . Monitoring system status for each site.
- . Provides optical cable network broken-down alarm.
- . Provides system operation history and management.

ORDERING INFORMATION

	PART NUMBER	DESCRIPTION	OPTICAL PWR BUDGET	MAX DISTANCE
SINGLE-MODE 9/125um	EL - AR2202 TX EL - AR2202 RX	1ch A Transmitter / 1ch Contact Closure Transmitter 1ch A Receiver / 1ch Contact Closure Receiverr	7dB	20Km
	EL - AR2402 TX EL - AR2402 RX	1ch A Transmitter / 1ch Contact Closure Transmitter 1ch A Receiver / 1ch Contact Closure Receiverr	13dB	40Km
	EL - AR2602 TX EL - AR2602 RX	1ch A Transmitter / 1ch Contact Closure Transmitter 1ch A Receiver / 1ch Contact Closure Receiverr	20dB	60Km
MULTI-MODE 62.5/125um	EL - AR2051 TX EL - AR2051 RX	1ch A Transmitter / 1ch Contact Closure Transmitter 1ch A Receiver / 1ch Contact Closure Receiverr	5dB	5Km