

DIGITAL DATA SERIES

PRODUCT SPECIFICATION

EL -31202 TX / RX LINK

DATA



DESCRIPTION

The ELIM EL-31202 TX/RX series data transceiver supports digital data transmission 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 Major CCTV control data and support RS-232, RS-422 and 2-wire or 4-wire RS-485 data interfaces, as well as Sensormatic Sensornet™ and all major data protocols. 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

- . Supports RS-232, RS-422 or RS-485 (2 –wire or 4-wire) Data Interfaces
- . 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 190Km
- . Registration of EMI/EMC, K-Mark, UL certification
- INNO-BIZ, Good Software and Venture Business

NMS (option)

- . Displays local communication 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 - 31202 TX EL - 31202 RX	1ch Data Transceiver 1ch Data Transceiver	7dB	20Km
	EL - 31402 TX EL - 31402 RX	1ch Data Transceiver 1ch Data Transceiver	13dB	40Km
	EL - 31602 TX EL - 31602 RX	1ch Data Transceiver 1ch Data Transceiver	20dB	60Km
MULTI-MODE 62.5/125um	EL - 31051 TX EL - 31051 RX	1ch Data Transceiver 1ch Data Transceiver	5dB	5Km
	EL - 31101 TX EL - 31101 RX	1ch Data Transceiver 1ch Data Transceiver	10dB	10Km
	EL - 31201 TX EL - 31201 RX	1ch Data Transceiver 1ch Data Transceiver	20dB	20Km