

# DIGITAL DATA 4CH MUX SERIES

## PRODUCT SPECIFICATION

## EL -4D1202 TX / RX LINK

### SPECIFICATIONS

#### DATA

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

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

Data Rate: DC – 300Kbps(NRZ)

Bit Error Rate: < 1 in 10 E-9

Operating Mode: Simplex or Full-Duplex

**WAVELENGTH** 1310/1550nm

**OPTICAL EMITTER** Laser Diode

**NUMBER OF FIBER** 1Core

#### LED INDICATORS

- . Data Transceiver
- .Received Data
- .Transmitted Data
- .Operating Power

#### CONNECTORS

Data: Terminal Block with Screw Clamps,  
Type DB-9 Connector (RJ-45)

Optical: ST or SC Connector

#### ELECTRICAL & MECHANICAL

Power: 12 VDC @ 300mA

Surface Mount: From Rack

Number of Rack Slots: 12

Current Protection: Automatic Resettable Solid-State  
Current limiters

#### Size( WxHxD )

Module Type 123 x 35 x 220mm

3u Card Type 25 x 128 x 224mm

1u Rack Mount 483 x 44 x 340mm

3u Rack Mount 483 x 132 x 290mm

#### ENVIRONMENTAL

MTBF: > 100,000 hours

Operating Temp: -40°C to +74°C

Storage Temp: -40°C to +85°C

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

### SYSTEM DESIGN

