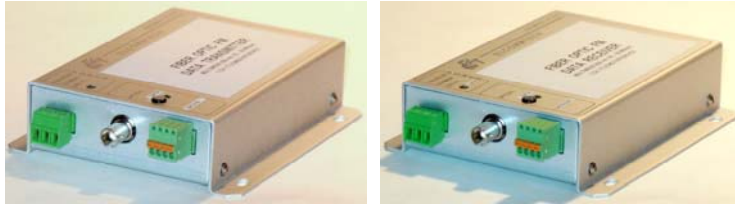


## ECT010(2) DUAL CHANNEL TTL/CMOS DATA OPTICAL LINK



### FEATURES

- ❑ High Speed Data Transmission, DC – 5 Mb/sec
- ❑ Multimode and Singlemode Versions
- ❑ Isolates EMI, RFI, Ground Loops
- ❑ Surface Mount Technology
- ❑ Power and Signal Status Indicators
- ❑ 12V AC/DC or 24VAC Power Supply

ECT010(2) system provides dual channel high performance unidirectional link for transmitting TTL data signals over a fiber optic cable. The system features quality transmission of data signals with data rates DC – 5 Mb/sec. ECT010(2) utilizes high-speed frequency modulation and very low noise transmission technology to assure high accuracy and stability.

Operating Wavelength	850 nm	1300 nm	1310/1550nm
Optical Core Diameter	50μ/62.5μ		8/10μ
Optical Power Source	VCSEL	LED	Laser
Optical Power Output*	-3 dBm	-14 dBm	-5 dBm
Receiver Sensitivity	-32 dBm	-35 dBm	-35 dBm
Optical Connectors	ST, SC		ST, SC, FC

\* with +/- 1 dBm variation; higher power laser sources are available per special request.

### ORDERING INFORMATION

010E-DUN-XYZ

**E** = **M** for multimode 850nm or 850/1300nm  
 = **S** for single mode 1310nm or 1310/1550nm  
 = **M(13)** for multimode 1300nm  
 = **S(15)** for single mode 1550nm  
**U** = **T** for transmitter  
 = **R** for receiver  
**N** = **2** for 2 channel module  
 = **8** for 8 channel rack card  
**X** = **M** for standalone module  
 = **C** for rack card\*  
**Y** = **1, 2** number of fibers for standalone module  
 = **2, 4** number of fibers for rack card  
**Z** = **ST, SC, FC** for optical connectors

Channel Capacity	2Ch. - for standalone module 8Ch. - for rack card
Data Rate	DC – 5 Mb/sec
Data Input Impedance	10K unbalanced
Power Requirements: Module	11 - 14 VAC/VDC @ 200 mA 21 - 27 VAC @ 150 mA
Card	11 - 14 VDC @ 400 mA
Operating Temperature	-30°C to +70°C (-22°F to +158°F)
Dimensions: Module	4.17"(106mm) x 3.65"(93mm) x 1.1"(28mm)
Card (w/o connectors)	11.6"(270mm) x 5.2"(132mm) x 1.05"(27mm)
Card (with connectors)	12.5"(318mm) x 5.2"(133mm) x 1.05"(27mm)

\*compatible with USR type chassis



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