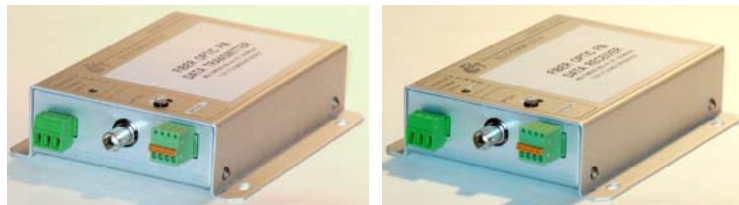


## ECT030 DUAL CHANNEL RS-232 DATA OPTICAL LINK



### FEATURES

- ❑ Dual Channel Transmission, DC - 200 kb/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

ECT030 system provides dual channel high performance unidirectional link for transmitting RS-232 data signals over a fiber optic cable. The system features quality transmission of data signals with data rates DC – 200 kb/sec. ECT030 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

030E-DUN-XYZ

- E = M for multimode 850nm  
 = S for single mode 1310nm  
 = 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 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 Interface	RS-232
Data Rate	DC - 200 kb/sec
Data Input Impedance	5K 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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