

ECT4008 8 CHANNEL DIGITAL RS-485 DATA LINK



ECT4008 system provides high performance link for duplex transmitting up to eight of RS-485 duplex data signals over a fiber optic cable.

The system features quality transmission of data signals with data rates DC – 1.6 Mb/sec.

ECT4008 system utilizes high speed Digital Signal Processing, Time Division Multiplexing and Fibre Optic Transmission at a serial data rate of up to 300 Mbit/sec.

FEATURES

- ❑ High Speed Digital Transmission
- ❑ Up to 8 of RS-485 Duplex Data Channels
- ❑ Multimode and Singlemode Versions
- ❑ Isolates EMI, RFI, Ground Loops
- ❑ Surface Mount Technology
- ❑ Power and Signal Status Indicators

Operating Wavelength	850/1310 nm	1310/1550nm
Optical Core Diameter	50µ/62.5µ	8/10µ
Optical Power Source	Laser	Laser
Optical Power Output*	-3dBm	-3 dBm
Receiver Sensitivity	-31 dBm	-34 dBm

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

ORDERING INFORMATION

4008E(F)-DX-5-XYZ

- E(F) = M for multimode 850nm/2 fiber
 = M(8.5/13) for multimode 850 & 1310nm/1 fiber
 = S for single mode 1310nm/2 fiber
 = S(15) for single mode 1550nm/2 fiber
 = S(13/15) for single mode 1310 & 1550nm/1 fiber
- X = M for standalone module
 = C for rack card*
- Y = 1, 2 for number of fibers
- Z = FC, ST or SC for optical connector

**compatible with USR series chassis.*

Channel Capacity	Up to 8 of RS-485 Data Channels
Data Rate	DC – 1.6 Mb/sec
Data Input/Output Impedance	120 Ohm
Bit Error Rate	10 ⁻⁹
Power Requirements	12 VDC @ 400 mA
Operating Temperature	-30°C to +70°C (-22°F to +158°F)
Dimensions:	11.6"(295mm) x 5.2"(133mm) x 2.0"(51mm)

