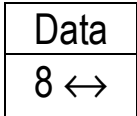


ECT4000 SERIES

ECT4008

8 CHANNEL RS-485 DATA DIGITAL OPTICAL 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.

ORDERING INFORMATION

4008E(F)-DX5-XYZ

- E(F) = M for multimode 850 nm/2 fiber
- = M(8.5) for multimode 850nm/TX & 1310 nm/RX, 1 fiber
- = M(13) for multimode 1310nm/TX & 850 nm/RX, 1 fiber
- = S for single mode 1310 nm/2 fiber
- = S(15) for single mode 1550 nm/2 fiber
- = S(13/15) for single mode 1310/TX & 1550 nm/RX, 1 fiber
- = S(15/13) for single mode 1550/TX & 1310 nm/RX, 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.

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 nm	850/1310 nm	1310/1550 nm
Optical Core Diameter	50µ/62.5µ		8/10µ
Optical Power Source	VCSEL	VCSEL & Laser	Laser
Optical Power Output	-3 dBm		
Receiver Sensitivity	-30 dBm	-29 dBm	-33 dBm
Optical Connectors	SC, ST		FC, SC, ST

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	11 - 15 VDC @ 700 mA
Operating Temperature	-30°C to +70°C (-22°F to +158°F)
Dimensions:	11.6"(295 mm) x 5.2"(132 mm) x 2.0"(51 mm)



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