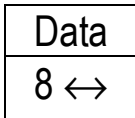


ECT4000 SERIES

ECT4008-L 8 CHANNEL RS-485 DATA DIGITAL OPTICAL LINK WITH UP TO 130 km/80 mi RANGE



ECT4008-L 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-L 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

4008S-DX5-X2Z-L - 8 Ch. RS-485 data transceiver / 2 fiber

4008S(15.3)-DX5-X1Z-L - 8 Ch. RS-485 data transceiver /
1 fiber: 1530 nm/TX & 1570/RX

4008S(15.7)-DX5-X1Z-L - 8 Ch. RS-485 data transceiver /
1 fiber: 1570 nm/TX & 1530/RX

- X = M for standalone module
- = C for rack card*
- Z = FC, SC or ST for optical connector

*compatible with USR series chassis.

FEATURES

- ❑ High Speed Digital Transmission
- ❑ Up to 8 of RS-485 Duplex Data Channels
- ❑ Operating Range Up to 130 km / 80 miles
- ❑ Isolates EMI, RFI, Ground Loops
- ❑ Surface Mount Technology
- ❑ Power and Signal Status Indicators

Configuration	2 Fiber	1 Fiber
Operating Wavelength	1550 nm	1530/1570 nm
Optical Core Diameter	8/10µ	
Optical Power Source	DFB Laser	
Optical Power Output	0 (+/- 0.5) dBm	
Receiver Sensitivity	-42 dBm	-41 dBm
Optical Connectors	ST, SC, FC	

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 @ 400 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)



Elcommtech Corp. 2620 Ocean Parkway, Suite 4H, Brooklyn, NY 11235
Tel (718) 743-2869 • Fax (718)648-3642 • E-mail sales@elcommtech.com
<http://www.elcommtech.com>