UNIVERSAL DATA DX-7001

Point-to-Point or Drop-and-Repeat Applications

The ***Litelink***™ DX-7001 is a data transceiver designed to transmit and receive RS-232, RS-422, RS-485 (2 wire or 4 wire) or TTL signals in a wide range of diverse applications. The unit is designed to operate in simplex, full duplex or drop-and-repeat modes and can easily be user configured for a single protocol or for mixed protocol operation. The DX-7001 will operate continuously at all data rates from DC to 10 Mb/sec.

Both multimode and single-mode versions are available and installation is totally adjustment free. In addition, integral indicators are provided to continuously indicate the presence of data signals as well as the presence of operating power making system troubleshooting simple.

Technical Specifications

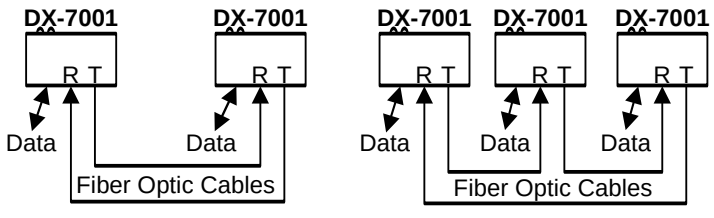
Data Transmission Rate	DC to 10 Mb/s
Operating Modes	Simplex, Duplex, Drop-and-Repeat, RTS or Data Derived T/R
Protocols Supported	RS-232, RS-422, RS-485 (2 and 4 wire), TTL
Rise/Fall Times (typ.)	100 nsec, RS-232, 1.0 usec
Propagation delay RS-422	0.1 usec
Propagation delay RS-232	1.5 usec, +/- 12ns
Operating Wavelength	850, 1310 or 1550nm
Optical Output Power (typ.)	-14dBm (multimode) -10 dBm (single-mode)
Optical Loss Budget	0-15 dB (multimode) 0-18 dB (single-mode)
Optical Connectors	ST (multimode) FCPC (single-mode)
Signal Connector	Removable Terminal Block
Operating Temperature	-35° to +75°C
Power Requirements*	11-24 VAC/DC @150mA
Physical Size (mm)	5.0" H(127) x 1.0"W (25.4) x 3.0" L(76)

Note that all specifications are subject to change without prior notice.

Important Features

- ***DC to 10Mb/s Data Rate***
- ***Fully Adjustment Free***
- ***Data Signal & Power Indicators***
- ***Stand-alone or Rack Mountable*** ***(same unit)***

Typical Universal Data Applications



Point-to-Point Datalink **Loop type data bus system**

Ordering Information

Transceiver, DX-7001-X

"X" = Wavelength/Fiber

-1 = 850nm Multimode
-3 = 1310nm Multimode
-7 = 1310nm Single-mode
-9 = 1550nm Single-mode

****For stand-alone operation order a PS-1205 power supply for each unit.

**For rack mounted operation all operating power is provided by the power supply used with the rack panel.

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