

## DMX-512-A

## DMXT/P-7001

### For DMX-512-A Signal Applications

The **LuxLink**® DMXT-7001 and DMXP-7001 are specifically designed to transmit, receive and repeat ANSI E1.11-2008 (DMX-512-A) signals at data rates from DC to 1Mb/s on a single optical fiber. The units may be used for point-to-point or in drop and repeat applications over distances of up to 20 miles.

The system operates with standard multimode or single-mode optical fiber and installation only requires the connection of the various signal and fiber optic cables. There are no user adjustments. Indicators are also provided to continuously indicate the presence of repetitive signals as well as the presence of operating power making system troubleshooting simple.

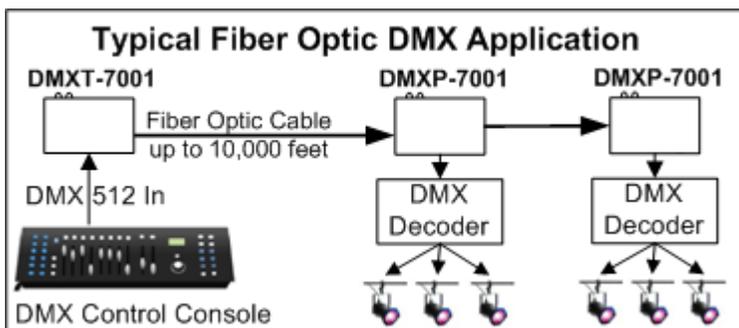


### Technical Specifications

System Data Rate	DC to 1 Mb/s
Operating Mode	Simplex or Drop and Repeat
Interface/Protocol	ANSI E1.11-2008 (DMX-512-A)
Optical Wavelength	850, 1310 or 1550nm
Fiber Optic Compatibility	Multimode or Single-Mode
Optical Connectors	ST (mm) or FCPC (sm)
Signal Connector	5 pin standard XLR
Transmission Range (between units)	1 to 3 miles multimode fiber, up to 20 miles single-mode fiber
Number of Repeaters	10 minimum*
Operating Temperature	-20° to +75°C
Power Requirements	11-18 VAC/DC @250 mA
Physical Size (mm)	5.0" (127) x 3.0" (76) x 1.5" (38.1)

\* Since the signal is reconstituted at each repeater the number of repeaters used can be as long as is feasible in the specific installation.

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



### Important Features

- **DC to 1 Mb/s Data Rate**
- **Range up to 20 miles**
- **Signal/Power Indicators**
- **Multimode or Single-mode Fiber Compatibility**
- **Stand-alone, DIN or Rack Mountable (same unit)**

### Ordering Information

Transmitter DMXT-7001-X  
Repeater DMXP-7001-X

"X" = Wavelength/Fiber  
-1 = 850nm Multimode  
-3 = 1310nm Multimode  
-7 = 1310nm 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 power supply used with the rack mounting panel.

**Liteway**®  
Fiber Optic Transmission Systems

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