

## Fiber Optic MIDI

## MIDI-2101/2201

*For MIDI Sound and Lighting Applications*

The MIDI-2101/2201 system consists of the MIDI-2101 transmitter and the MIDI-2201 receiver. This system will transmit all standard MIDI 1.0 data signals from the transmitter to the receiver well beyond the specified 50 foot (15 meter) limit without signal loss or interference.

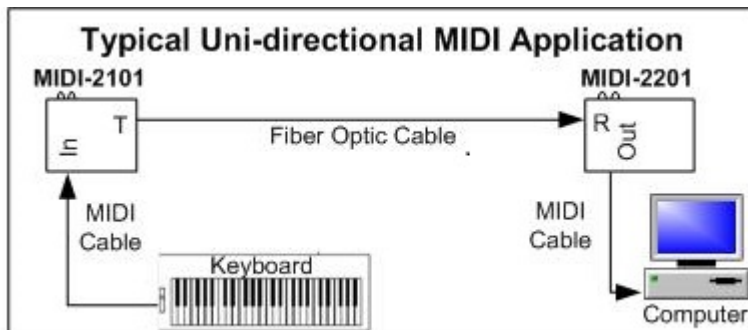


### Technical Specifications

### Important Features

Bandwidth	DC – 1.0 Mb/s (Includes 31.25 Kbaud)
Protocol supported	MIDI 1.0 (all formats)
Rise / Fall Time	Less than 100 nanoseconds
Bit-error Rate	1 x 10 <sup>-9</sup> (worse case)
Signal Connectors	5 pin 180° DIN
Input Isolation	Optical Isolation 10 KV/us
Output Drive	25mA maximum (5 times MIDI 1.0)
Operating Wavelength	850(-1), 1310(-3, -7), 1550 (-9)
Optical Output	-15 dBm typical
Optical Loss Budget	0 – 10 dB
Optical Connectors	Multi mode fiber models (-1, -3) ST/PC Single mode fiber models (-7, -9) FC/PC
Temperature Range	-35° to +75° C
Power Requirements	11-24 VAC/DC @ 160 mA
Physical Size (mm)	5.0" (127) L x 1.0" (25.4) W x 3.0" (7) D

All specifications are subject to change without prior notice.



- **Signal/Power Indicators**
- **Multimode or Single-mode fiber versions**
- **Stand-alone or Rack Mountable (same unit)**

#### Ordering Information

MIDI-2101-x  
MIDI-2201-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 power supply used with the rack-mounting panel.

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Fiber Optic Transmission Systems

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