

AUDIO

**SERIES 310B
SINGLE-CHANNEL AUDIO**

- One-Way Audio Over a Single Fiber.
- Bandwidth 20 Hz to 18 kHz.
- THD < 3%.
- SNR 50 dB.
- Balanced or Unbalanced 600 Ohm Audio.
- For Multimode Fiber.
- Optical AGC Circuitry.
- Diagnostic Indicators: Level/Loss and Audio Status LEDs.
- ST Optical Ports.
- Modular Units or Rack Cards.



Systems in the 310B series provide reliable voice-grade transmission of audio signals in most applications. Incorporating AGC circuitry, the system does not require field adjustment. A unique two-color LED at the transmitter end indicates input audio level and clipping. The basic characteristics of fiber — no hum or pick-up, no interference from electromagnetic fields or radio frequencies, and no possibility of ground loop interference since fiber is not an electrical conductor — ensure that the quality requirements of intercoms, paging, and public address systems are met.

310B

PRODUCT SELECTION HINT

The 310B series transmits standard (monaural) audio signals. If high-performance stereo audio should be required, refer to the 312B series, page 19, or the 1312B series, page 26, for digitally processed audio.

Part Number	Description	Product Code	Fiber Qty / Size	Attenuation Max. (dB)	Wavelength (in nm)
MULTIMODE SYSTEMS					
310B-T	Transmitter	1BXX	1 / 62.5 μ	13	850
310B-R	Receiver				

Other Specifications

Power Requirements : 12~16 VDC at 75 mA; 12~16 VAC at 5 W.

Options : AC Adapter, order 610P, one for each modular unit.

Dimensions : Modular Units: 2.8" W x 3.75" D x 1.1" H (7.14 cm x 9.52 cm x 2.8 cm)
Rack cards (all) occupy one rack slot. To specify, add -R to model number.

