

Extend Bogen¹ Intercom Systems

TLPX/TLLX-1201

For adding fiber optics to Intercom Systems

The TLPX/TLLX-1201 system consists of the TLPX-1201 transmitter and TLLX-1201 receiver. Both units provide a fiber optic interface between a Bogen¹ tone-type telephone and the Bogen¹ Intercom System. All functions including full duplex audio, dial tone, ringing and connect/disconnect are supported. In addition to increasing your link distances, Fiber optics provide immunity to RF noise & hum. Standard phone compatibility is available with TLLX-1201 and TLPX-1001 combination.

Both multimode and single-mode versions are available and connections to and from the telephone and telephone line are by means of standard modular plugs. In addition, integral LEDs are provided on both units to continuously indicate the presence of the off-hook condition as well as the presence of operating power making system troubleshooting simple.



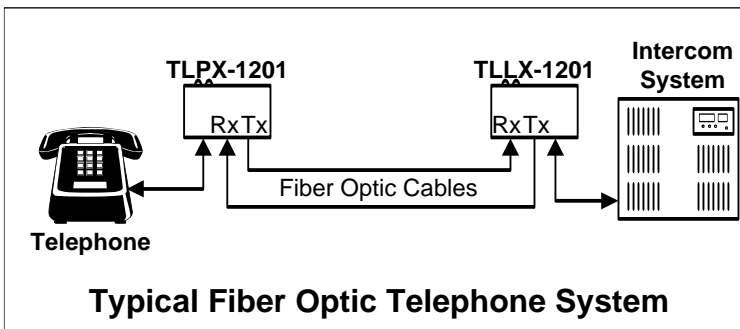
Technical Specifications

Important Features

Audio Bandwidth (minimum)	300 Hz to 3000 Hz
Noise Level	50dB minimum
Operating Wavelength	850, 1310 or 1550nm
Optical Output Power	-16dBm (multimode) -16dBm (single-mode)
Optical Loss Budget	0-10dB (multimode) 0-10dB (single-mode)
Optical Connectors	ST (multimode) FCPC (single-mode)
Signal Connectors	RJ-11
Operating Temperature	-35° to +75°C
Humidity	<95% non condensing
MTBF (per MIL HBK 217)	>120,000 hours
Power Requirements**	11-18 VAC/DC @150 mA
Physical Size (mm)	5.0" (127) x 3.0" (76) x 1.0" (25.4)

- **Bogen¹ Compatible**
- **Standard phone compatibility with TLPX-1001**
- **Multimode or Single-mode versions**
- **Stand-alone, DIN or Rack Mountable (same unit)**

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



Ordering Information

Telephone, TLPX-1001-X
POTS Line, TLLX-1001-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-1208 power supply for each unit.

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

1) BOGENTM is a trademark of BOGEN COMMUNICATIONS, INC., and is used here to indicate the electrical compatibility with their telephone intercom products.