

Single Fiber Bi-directional Transceiver One Two-Way Data Channel



FEATURES:

- Single Channel Bi-directional Data Utilizing One Singlemode Optical Fiber.
- Diagnostic: Power and Optical Presence
- 12 VAC Standard
- No User or Installation Adjustments

SPECIFICATIONS:

Sub-Carrier Options:

Data for RS232 (0300SL Series):

Data Rateup to 19.2 Kbps
Data Connector5 pin screw terminal

Data for RS422 (0400SL Series):

Data Rateup to 19.2 Kbps
Data Connector5 pin screw terminal

Data for TTL (0700SL Series):

Data Rateup to 19.2 Kbps
Data Connector5 pin screw terminal

Audio (0800SL Series):

I/O Level0 dBm
I/O Impedance600 Ohms Balanced
Bandwidth20 Hz to 10 KHz
THD @ 1 KHz1%
SNR55 dB
Connector.....5 pin screw terminal

Contact Closure (0900SL Series):

InputSwitch Closure to Ground
OutputDry Contact
Response Time2 ms
Connector.....5 pin screw terminal

Optical:

Wavelength Data.....1300/1550 nm
Loss Budget (9/125µ)15 dB
Connector.....FC/PC

Temperature (Operating):

-40°C to +75°C, non-condensing

Power Supply:

Module 12 VAC (AFI Part #: PS-12 VAC)
Rack Card (See AFI Part #: SR-20/2)

Size:

Module - 5 3/4" x 6 3/4" x 1 1/8"
Rack Card requires two rack slot - 6 1/2" x 2" x 5"

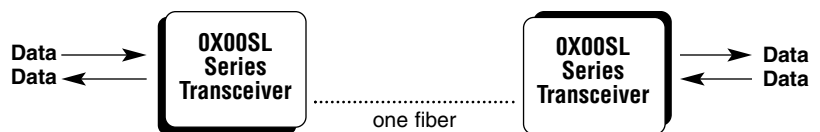


The American Fibertek OX00SL Series transmits a single channel of full duplex data on one singlemode optical fiber. Designed to be completely transparent, these systems require no field adjustments at installation or additional maintenance thereafter. Diagnostic indicators provide a quick visual indication of system status. Equipment may be ordered as stand alone modules or rack cards that are mounted in the American Fibertek Card Cages: SR-20/2 or SR-20R/1.

ORDERING INFORMATION:

- MT = Module Transceiver - Data Input/Output
- MR = Module Transceiver - Data Output/Input
- RT = Rack Card Transceiver - Data Input/Output
- RR = Rack Card Transceiver - Data Output/Input

Example: MT-0300SL to RR-0300SL - RS232
MT-0400SL to RR-0400SL- RS422
MT-0700SL to RR-0700SL - TTL
MT-0800SL to RR-0800SL - Audio
MT-0900SL to RR-0900SL - Contact Closure



- For multimode product equivalent to the OX00SL series please see the OX00 series product.