

2480 SERIES MULTIMODE



Single Fiber Bi-directional Transceivers Two-Way Video, Two-Way Audio, and Two-Way RS422



FEATURES:

- Two-Way Video, Two-Way RS422, and Two-Way Audio Utilizing One Multimode Optical Fiber
- Compatible with NTSC; RS-170A & RS-343A and PAL
- Diagnostics: Video, Power and Optical Presence
- 24 VAC Standard or 12 VDC Option
- Full Color Transmission

PRODUCT ENHANCEMENTS:

- Additional bi-directional features available for audio, data or contact closure - choice of one.

SPECIFICATIONS:

Video:

I/O Level	1 Vpp
I/O Impedance	75 Ohms
Bandwidth	8 MHz
Differential Gain	.4%
Differential Phase	4°
SNR	60 dB
Connector	BNC

Audio:

I/O Level	0 dBm
I/O Impedance	600 Ohms
Bandwidth	20 Hz to 10 KHz
THD @ 1 KHz	.1%
SNR	55 dB
Connector	5 pin screw terminal

Data:

Data Rate	Up to 19.2 Kbps
Data Connector	5 pin screw terminal

Optical:

Wavelength	.850/1300 nm
Loss Budget (62.5/125µ)	12 dB
Connector	ST

Temperature (Operating):

-20°C to +70°C, non-condensing

Power Supply:

Module - 24VAC (AFI Part #: PS-24)
12 VDC available upon request, consult factory
Rack Card - (See AFI Part #: SR-20/2)

Size:

Module - 6¾" x 5¼" x 1¾"
Rack Card requires one rack slot - 6½" x 1" x 5"

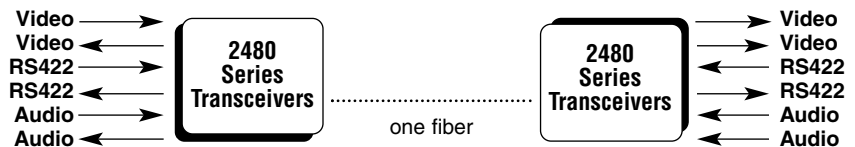
ORDERING INFORMATION:

MT = Module Transmitter - Video Source
MR = Module Receiver - Control Site
RT = Rack Card Transmitter - Video Source
RR = Rack Card Receiver - Control Site

Example: MT-2480 to RR-2480



The American Fibertek 2480 Series transmits high-quality, simultaneous bi-directional video, audio and RS422 on one multimode optical fiber. Designed to meet the unique applications of today's advanced teleconferencing applications, 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.



- *For singlemode product equivalent to the 2480 series please see the 4480 series product.*