



# Dual Channel Video Transmission System

**20  
SERIES  
MULTIMODE**



## FEATURES:

- Compatible with NTSC; RS-170A & RS-343A and PAL
- Diagnostics: Video, Power and Optical Presence
- Full Color Transmission
- 850 nm Low Cost Optics
- AGC or Manual Gain Adjustment
- Two Channels Per Card

## SPECIFICATIONS:

### Video:

I/O Level.....	1 Vpp
I/O Impedance.....	75 Ohms
Bandwidth.....	10 MHz
Differential Gain.....	.2%
Differential Phase.....	2°
SNR.....	60 dB
Connector.....	BNC

### Optical:

Wavelength.....	850 nm
Loss Budget (62.5/125µ).....	17 dB
Connector.....	ST

### Temperature (Operating):

-20°C to +70°C, non-condensing

### Power Supply:

Rack Card - (See AFI Part #: SR-20/1)

### Size:

Rack Card requires one rack slot - 6½" x 1" x 5"

## ORDERING INFORMATION:

RT= Rack Card Transmitter - Video Source

RR= Rack Card Receiver - Control Site

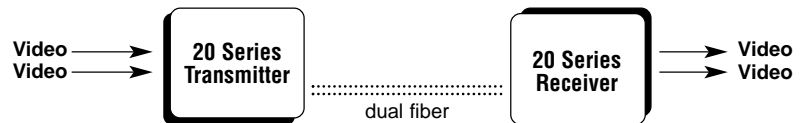
*Example: RT-20 to RR-20*



The American Fibertek 20 Series transmits two channels of high-quality video on two multimode optical fibers. This systems is designed to be completely transparent to all camera and monitor manufacturers. Products ordered with automatic gain control require no field adjustments at installation or additional maintenance thereafter. Diagnostic indicators provide a quick visual indication of system status. Equipment also available with manual gain control option. The 20 Series are ordered as rack cards and are mounted in the American Fibertek Card Cages: SR-20/1 or SR-20R/1.

## PRODUCT INFORMATION:

- RT-20 - Rack Card Dual Video Transmitter
- RR-20M - Rack Card Dual Video Receiver with Manual Gain Control Option
- RR-20 - Rack Card Dual Video Receiver with Automatic Gain Control Option



### RT-20 Transmitter is also compatible with:

- MR-10M Module Receiver with MGC
- MR-10 Module Receiver with AGC
- RR-10M Rack Card Receiver with MGC
- RR-10 Rack Card Receiver with AGC

### RR-20 and RR-20M Receivers are also compatible with:

- MT-1 Mini Transmitter
- NT-1 Mini Transmitter
- MT-10 Module Transmitter
- RT-10 Rack Card Transmitter