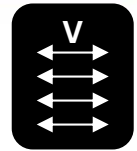




**440C-A/B  
SERIES  
MULTIMODE**

**SINGLE FIBER BI-DIRECTIONAL TRANSCEIVERS  
4 - TWO WAY VIDEO CHANNELS**



**Features:**

- ◆ Compatible with NTSC; RS – 170A & RS –343A and PAL
- ◆ Diagnostics: Video, Power and Optical Presence
- ◆ Full Color Transmission
- ◆ Real Time Video Transmission
- ◆ Modules or Rack Cards
- ◆ Compatible with 500 Series Audio/Data Modulators & Demodulators
- ◆ PFM Transmission

**SPECIFICATIONS:**

**Video:**

I/O Level ..... 1Vp-p  
 I/O Impedance ..... 75Ω  
 Bandwidth .....10 MHz  
 Differential Gain .....5%  
 Differential Phase.....3°  
 SNR.....55 dB  
 Connector ..... BNC

**Optical**

Wavelength ..... 1300/1550nm  
 Loss Budget (9/125μ).....12dB  
 Connector ..... ST

**Temperature (Operating)**

-40°C to +75°C, non-condensing

**Power Supply:**

Universal Power Input  
 100 to 240 VAC 50 to 60 Hz  
 40 Watts Max

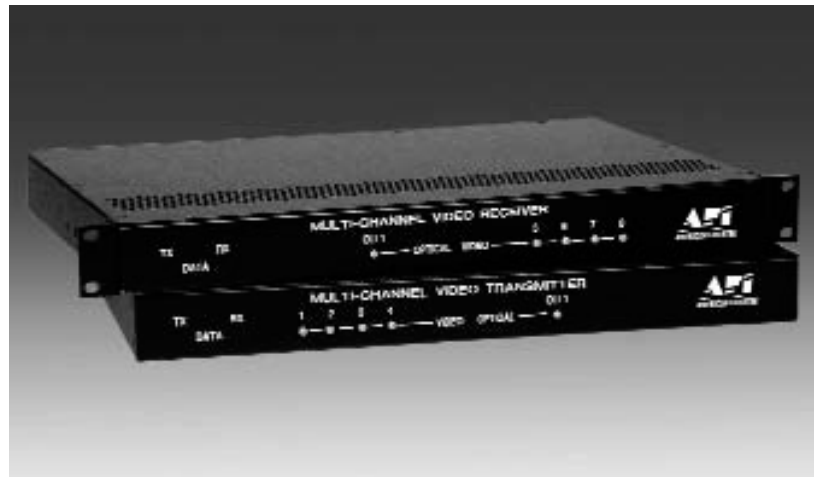
**SIZE:**

1 RU High x 19" x 10" deep

**Ordering information:**

MRX-440C-A Four Channel Video Transceiver  
 MRX-440C-B Four Channel Video Transceiver

**Example: MRX-440C-A to MRX-440C-B**



The American Fibertek 440C-A/B Series transmits four channels of high-quality video in two directions on one multimode optical fiber at 1300 and 1550nm. Designed to be completely transparent to all camera and monitor manufacturers, this system requires no field adjustments at installation or additional maintenance thereafter. Diagnostic indicators provide a quick visual indication of system status.

In addition, two sub-carriers can be added to each video channel using the 500 Series modulators and demodulators. Equipment may be mounted as stand alone modules or rack units by the position of the mounting brackets.

