

140V

FOUR-CHANNEL VIDEO MULTIPLEXER MULTIMODE FIBER



FEATURES

- Four Channels of Simultaneous Video One-Way Over One Fiber.
- AGC Circuitry.
- Diagnostic Indicators: Level/Loss™ and Video Status.
- Operates Over Distances Up To 8,000 Feet (2438 Meters).
- Standalone Units or Rack Cards.

VIDEO

- Bandwidth: 6 MHz per channel.
- Signal-to-Noise Ratio: > 60 dB @ 0 dB attenuation. > 47 dB @ 10 dB attenuation measured over a bandwidth of 10 Hz to 4.5 MHz.
- I/O Level: 1 V peak-to-peak.
- I/O Impedance: 75 ohms ± 10%.
- Differential Gain: < 5%.
- Differential Phase: < 6°.
- Connectors: Optical, AT&T Type ST; Video, BNC.

POWER/TEMPERATURE/SIZE

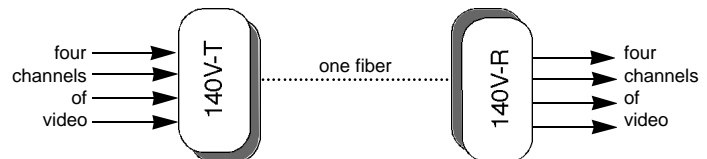
- 12 VDC at 500 mA.
- Operates at 32° to 122° F (0° to 50° C).
- Storage at -40° to 185° F (-40° to 85° C).
- Standalone units in 502R: 9.25" D x 6.33" W x 2.05" H (23.5 x 16.08 x 5.21 cm).
- Rack units occupy two rack slots.

OPTIONS

- One 612P adapter required with stand-alone units.



The Series 140V Video Multiplexer System offers simultaneous transmission of multiple full-frame video signals (color or monochrome) over one fiber. The system consists of a four-channel transmitter and a four-channel receiver. The transmitter has a video-presence indicator for each video input. The receiver module includes a Level/ Loss™ indicator for monitoring the optical fiber. The Series 140V may be ordered either as a standalone unit in a 502R Miniature Enclosure, or in rack versions which may be easily mounted in Fiber Options' Series 515R Card Cage System or Series 517R Racking System.



Part Number	Description	Product Code	Fiber Qty / Size	Maximum Attenuation	Wavelength	Comments
140V-T	Transmitter	1BXX	1 / 62.5 μ	10 dB	850/1300 nm	AT&T Type ST optical connectors are standard.
140V-R	Receiver	1BXX				

Units are each furnished in a separate 502R Miniature Enclosure. To specify units for use in the 515R or 517R add -R to the part number shown above.

If ordering units for use with 50μ fiber reduce the optical budget by 3 dB. Higher optical budgets available. Consult factory.