

# Video Converter

## Coaxial/Fiber Optic Converter

UNICOM's Video/Fiber converter is designed to convert baseband video signal to Multi-Mode fiber optic. The Converter Kit comes with Transmitter and Receiver and must be used in pairs. It can easily extend your video signal up to 2,500 meters. Linear modulation and wideband low noise circuit design assures transmission quality meets NTSC, PAL, SECAM and D2MAC specifications. For the maximum extended distance, just install or use your existing fiber optic cable for your next video extension.

**Baseband Video up 2500m!!**



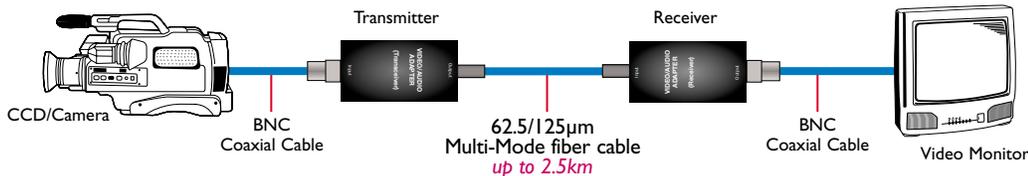
**Video Converters**  
 Coaxial to Fiber  
 VAA-FMTR-1

PART NUMBER	DESCRIPTION
VAA-FMT1-TR	Video/Fiber Optic Converter, ST/MM, Kit (with Transmitter and Receiver)
VAA-FMT1-T	Video/Fiber Optic Converter, ST/MM, Transmitter
VAA-FMT1-R	Video/Fiber Optic Converter, ST/MM, Receiver

### SPECIFICATIONS

<b>Interface:</b>	Transmitter: 1 x BNC (Female) / Input Signal 1 x ST for single / Output Signal Receiver: 1 x BNC (Female) / Output Signal 1 x ST for single / Input Signal
<b>Bandwidth:</b>	DC to 12 MHz
<b>Impedance:</b>	75 Ohm
<b>Input Signal Range:</b>	1V < Vp-p < 2.4V
<b>Signal-to-Noise Ratio:</b>	≥ 60dB
<b>Output Signal Range:</b>	480mV < Vp-p < 1.1V
<b>System Bandwidth:</b>	8 MHz
<b>Transmission Loss:</b>	Max. 13dB
<b>Power Supply:</b>	DC 9V 1Amp
<b>Distance:</b>	Max. 2,500m
<b>Cable Type:</b>	62.5/125µm Multi-Mode fiber optic
<b>Wavelength:</b>	850nm
<b>Enclosure:</b>	Aluminum Case
<b>Dimensions:</b>	2.2" (W) x 4.15" (L) x 0.8" (H)

### APPLICATION DIAGRAM



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