

### Product Models

Model	Function	Connector	Fiber Cable	Wavelength	Max Distance
FVTM4AC3A-C0	Transmitter	ST Simplex	MM	1310nm	3 Km
FVRM4AC3A-C0	Receiver	ST Simplex	MM	1310nm	3 Km
FVTM4AC5A-C0	Transmitter	ST Simplex	SM	1310nm	30 Km
FVRM4AC5A-C0	Receiver	ST Simplex	SM	1310nm	30 Km

ST-SC adapters are available for applications using SC fiber connectors.

### Technical Specifications

#### VIDEO

Video Input:	2 Volt pk-pk (75 Ohms)
Input/Output Channels:	4
Bandwidth:	5 Hz - 8 MHz
Bit Resolution:	8 - Bit
Differential Gain:	< ±1%
Differential Phase:	< ±1°
Tilt:	< 1%
S/N Ratio:	60dB (Weighted)

#### WAVELENGTH

Multi-Mode:	850/1310nm
Single-Mode:	1310/1550nm

#### OPTICAL EMITTER

Laser Diode	
Number of Fibers:	1

#### DATA

Data Interface:	RS-485*
Data Rate:	Up to 300 Kbps
Data Channels:	(1) Bi-Directional
Bit Error Rate:	10 <sup>-9</sup>
	* RS-232 or RS-422 Optional

#### AUDIO

Audio Channels:	(4) Bi-Directional
Audio Impedance:	600 Ohms
Input/Output Voltage:	2.0Vp-p
Frequency Response:	10Hz-20KHz
Bit Resolution:	24-bit
S/N Ratio:	>95dB (Weighted)

#### CONTACT CLOSURE

Relay:	24VDC, 0.5A (Normally Open) 125VAC, 0.1A (Normally Open)
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Input/Output Channels:	(4) Bi-Directional
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#### CONNECTORS

Optical:	ST
Video:	BNC
Data/Audio/Contact:	Screw Terminal Strip

#### GENERAL

Power Supply:	5VDC, 2A
Dimensions:	5.98 x 5.12 x 1.95 Inches
MTBF:	> 100,000 Hours
Operating Temperature:	-35° C to +65° C
Storage Temperature:	-45° C to +85° C
Relative Humidity:	0% to 95% (non-condensing)