

### Product Models

Model	Function	Connector	Fiber Cable	Wavelength	Max Distance
FVTM2003A	Transmitter	ST Simplex	MM	1310nm	3 Km
FVRM2003A	Receiver	ST Simplex	MM	1310nm	3 Km
FVTM2005A	Transmitter	ST Simplex	SM	1310nm	30 Km
FVRM2005A	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:	2
Bandwidth:	5 Hz - 8 MHz
Bit Resolution:	8 - Bit
Differential Gain:	< $\pm 1\%$
Differential Phase:	< $\pm 1^\circ$
Tilt:	< 1%
S/N Ratio:	60dB (Weighted)

#### WAVELENGTH

Multi-Mode:	1310nm
Single-Mode:	1310nm

#### OPTICAL EMITTER

Laser Diode	
Number of Fibers:	1

#### CONNECTORS

Optical:	ST
Video:	BNC

#### GENERAL

Power Supply:	5VDC, 2A
Dimensions:	4.33 x 4.09 x 1.10 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)