

## Product Models

Model	Function	Connector	Fiber Cable	Wavelength	Max Distance
FVTMHA03A-RM	Transmitter	ST Simplex	MM	1310nm	1 Km
FVRMHA03A-RM	Receiver	ST Simplex	MM	1310nm	1 Km
FVTMHA05A-RM	Transmitter	ST Simplex	SM	1310nm	30 Km
FVRMHA05A-RM	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:	16
Bandwidth:	5 Hz - 8MHz
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

### CONNECTORS

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

### GENERAL

Power Supply:	100-240VAC / 50-60Hz
Dimensions:	17.60 x 9.33 x 1.77 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)