

Product Models

Model	Function	Connector	Fiber Cable	Wavelength	Max Distance
FDVT1003A	Transmitter	ST Simplex	MM	1310nm	3 Km
FDVR1003A	Receiver	ST Simplex	MM	1310nm	3 Km
FDVT1005A	Transmitter	ST Simplex	SM	1310nm	30 Km
FDVR1005A	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:	1
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)