

Pyro | AV FBR2SDI Rx

Fiber Optical to HD-SDI Receiver

- > Supports 2 simultaneous SDI signals each up to 1080P 60 (3 Gb/sec.)
- > Dual Channel Optical Receiver (SMPTE 297M-2006) supports data rates from 50 Mb/sec. to 3 Gb/sec.
- > Robust error free transmissions for distances up to 30 Km (18.6 miles) over single mode fiber
- > Hot-Pluggable and Hot-Swappable Optical module

FBR2SDI Receiver (PVC-975) overcomes the distance limitations of transmitting video over coaxial or Ethernet cable allowing for broadcast quality video to be distributed over long distances while retaining pristine quality. The PVC-975 receiver when coupled with the PVC-970 Transmitter provides a very cost effective method of distributing uncompressed 1080p 60 video streams over long distances.

The FBR2SDI Receiver is a dual channel device supporting two independent and simultaneous video streams supporting data rates from 50 Mb/sec. to 3 Gb/sec. for each video stream making the PVC-975 a very cost effective solution.

The FBR2SDI Receiver unit (PVC-975) provides two SDI outputs on 75 Ohm BNC connectors for each video stream. The PVC-975 includes dual high speed cable drivers supporting data rates up to 2.97 Gb/sec and is compliant with SMPTE 424M, 344M, 292M or 259M.

The FBR2SDI Receiver provides robust conversion from optical to electrical interface allowing the reception of two simultaneous video streams to be received over very long distances when coupled with the PVC-970 SDI2FBR Transmitter or other compatible Transmitters.

The combination of the transmitter and receiver devices creates an end to end solution which allows for efficient high quality movement of video streams over long distances. This is the perfect solution for outdoor sporting events, concerts and large buildings or connecting between buildings on a large campus.



Technical Specs:

Optical Receiver:	Hot-Pluggable and Hot-Swappable Optical Module
	Two independent laser disable pins
	SMPTE 297-2006 Compliant
	Single mode receiver
	Supports video Pathological patterns for SMPTE 259M, 344M, 292M and 424M serial data rates
	Supports data rates from 50 Mb/sec. to 3 Gb/sec. on each independent video channel.
	Low power consumption — typically 470mW
	LC Type Connectors
Output:	Support for 2 separate video sources/channels
	2 each 75 Ohm BNC connectors for each video channel
	SMPTE 424M, SMPTE 292M and SMPTE 259M compliant
	Multi-standard operation from 50Mb/s to 2.97Gb/s
Power:	5VDC Locking Power Supply
Part Number.	PVC-975
UPC.	7-57887-97500-5
Box Dimensions.	10.5"W x 8.75"H x 3.25"D

FIBER OPTIC CABLE (not included)

