

FEATURES

- ▷ Supports SMPTE 424M, 292M, 310M & 259M
- ▷ Reclocking at 270Mbps, 1.483Gbps, 2.970 Gbps & DVB-ASI

APPLICATIONS

- ▷ Quad link camera signal transport
- ▷ Studio links
- ▷ Signal trunking
- ▷ Signal distribution
- ▷ Campus interconnects
- ▷ Transmission links
- ▷ Outside Broadcast "B-Unit" interconnects

An economic solution for 4K fiber transmission



Transmit



Receive

The VB-3607 is the cost effective solution designed for transmission of Quad Link 4K video or four 3G/HD/SD/ASI TV signal paths over just one single-mode fiber optic cable. Available in stand alone or rack mount configurations, the VB-3607 provides flexibility in how you handle your SDI signal transport.

Capable of handling SDI rates from 5 Mb/sec all the way up to 3 Gb/sec uncompressed,

the VB-3607 has been designed for OB operators and anyone who needs to trunk multiple uncompressed SDI signals over fiber.

Embedded audio is fully supported. All outputs are non-inverting and ASI capable.

Also available with Anton Bauer or V mount battery plates for battery powered operation.

Designed and manufactured in New York.

TECHNICAL SPECIFICATIONS

BNC INOUT/OUTPUT

SDI Impedance:	75 Ohms
Return Loss:	>15dB up to 1.5GHz; >10dB up to 3 GHz

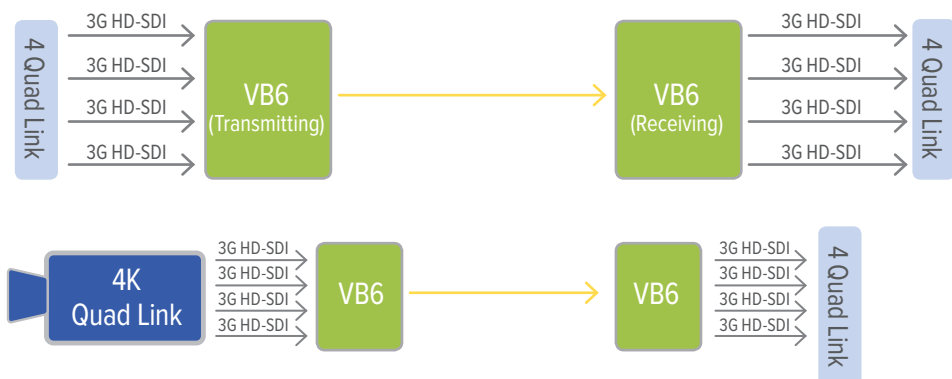
OPTICAL INPUT/OUTPUT

Wavelength:	CWDM 1271-1611 DFB
Optical Power:	-5 dBm to 0 dBm
Laser Strength:	Laser class 1
Optical Sensitivity:	(w/HD-SDI Signal) -20 dBm
Added Jitter:	<0.03UI under 1MHz
Standards:	SMPTE 259M-C, 292M, 425M, 297M & DVB/ASI

GENERAL

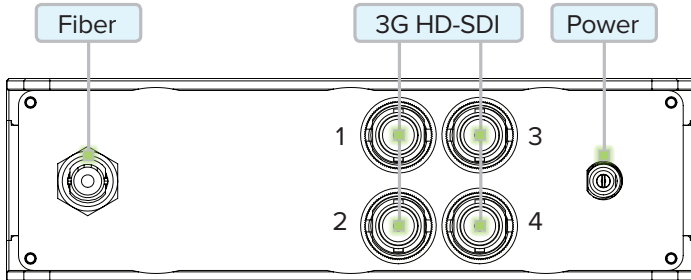
Fiber Compatibility:	Singlemode
Optical Connector:	ST, LC, SC or FC
Distance limit:	Up to 40 km @ SD; Up to 24 km @ HD
Dimensions	(LxWxH) 7.25"x5.75"x1.75"
Video connectors:	BNC
Power Input:	2.5mm jack
Center pin	+
Power rating:	nominal 50w max@14 VDC
Power Requirement:	<10w @5-24VDC

APPLICATION



1-800-488-8378
1-516-671-7278
sales@multidyne.com





Rear Panel of VB-3607



Battery Mount option
Anton Bauer or V Lock

ORDERING INFORMATION

Part Number	Description
VB-3607-4T-XX-XX-XX	4 Ch. 3.0 Gbps Multi-rate HD-SDI TX over 1 fiber, supports 5 - 2970 Mb/s, EQ & Reclocker; Singlemode, ST Connector
VB-3607-4R-XX-XX-XX	4 Ch. 3.0 Gbps Multi-rate HD-SDI RX over 1 fiber, supports 5 - 2970 Mb/s, EQ & Reclocker; Singlemode, ST Connector

BD-BATT-AB: Anton Bauer Mount Battery option for VB-3607
BD-BATT-V: V Mount Battery option for VB-3607

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