

Products (/products/) > Connectivity (/products/network-connectivity/) > SFP (Small Form Pluggable) Modules and Kits (/products/network-connectivity/#30) > Copper SFP Analog HD Video Modules (/products/network-connectivity/#30) > FiberPlex SFP-BSDV

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Copper SFP Analog HD Video Modules

FiberPlex SFP-BSDV SD-SDI Analog Composite Video SFP



FiberPlex

SD-SDI Analog Composite Video SFP

Overview

The SFP-BSDV is series of electrical transceiver SFP designed to encode and decode composite signals over 75Ω coaxial cables via HD-BNC™ connectors. On the receive channel, the module decodes NTSC/PAL composite inputs and convert to SD-SDI signal. On the transmit channel, the module encodes the SD-SDI signal to NTSC/PAL composite.

The SFP-BSDVXC-0000-L is a long reach electrical SFP transceiver module designed with reclockers to transmit and receive SDI signals up to 2.97Gbps over 75Ω coaxial cables via HD-BNC™ connectors. The cable driver slew rate is automatically configured in order to achieve compliance to SMPTE 424M, SMPTE 292M and SMPTE 259M. The equalizer features DC restoration to compensate for the DC content of

Features

- Compliant with SMPTE 259M-C, SMPTE 424M, SMPTE 344M and SMPTE 292M
- Supports video pathological patterns for SD-SDI, HD-SDI and 3G-SDI
- Supports composite standards: NTSC M, NTSC J, NTSC 4.43; PAL B/G/H/I/D, PAL M, PAL N, PAL 60
- Integrated cable driver (analog status and control registers, voltage and temp, and module info)
- Supports DVB-ASI at 270Mb/s
- Supports Audio in SDI stream

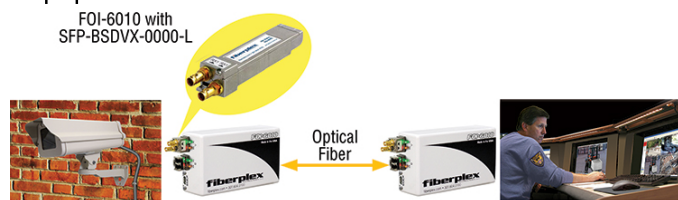
If you need an enclosure to use with the SFPs, the FiberPlex FOI-6010 and FOI-6012 Fiber Optic Isolator Transceiver Workboxes are available.



SMPTE pathological test patterns. By suppressing accumulated jitter, each reclocker procures optimal input & output jitter performance.

The SFP-BSDVXC-0000-L provides module identification information and configuration through a two wire serial interface. It is also a hot-pluggable solution for field system upgrade and maintenance. The SFP-BSDVXC-0000-L is interchangeable with other MSA optical video SFP improving product flexibility. Ganged, belly-to-belly, and superposed SFP cage mountings are supported. The module is SMPTE compliant resulting in reduced development effort and cost.

Applications



Specifications

The specifications for this product are contained in the User Manual

Ordering

#	Model #	Description	Availability
1	SFP-BSDVR2-0000-2N	SFP, HD-BNC, SD Video, Dual Receive , 2km, Non-MSA	General Availability
2	SFP-BSDVR2-0000-LN	SFP, HD-BNC, SD Video Dual Receive, Long Reach, Non-MSA	Special Order
3	SFP-BSDVT2-0000-2N	SFP, HD-BNC, SD Video, Dual Transmit , 2km, Non-MSA	General Availability
4	SFP-BSDVT2-0000-LN	SFP, HD-BNC, SD Video Dual Transmit, Long Reach, Non-MSA	Special Order
5	SFP-BSDVXC-0000-2	SFP, HD-BNC, SD Video, Transceiver , 2km, MSA	General Availability
6	SFP-BSDVXC-0000-2N	SFP, HD-BNC, SD Video, Transceiver , 2km, Non-MSA	General Availability
7	SFP-BSDVXC-0000-L	SFP, HD-BNC, SD Video Transceiver, Long Reach, MSA	General Availability
8	SFP-BSDVXC-0000-LN	SFP, HD-BNC, SD Video Transceiver, Long Reach, Non-MSA	Special Order
9	SFP-DSDVR2-0000-2N	SFP, DIN, SD Video, Dual Receive , 2km, Non-MSA	General Availability
10	SFP-DSDVT2-0000-2N	SFP, DIN, SD Video, Dual Transmit , 2km, Non-MSA	General Availability
11	SFP-DSDVXC-0000-2	SFP, DIN, SD Video, Transceiver , 2km, MSA	General Availability
12	SFP-DSDVXC-0000-2N	SFP, DIN, SD Video, Transceiver , 2km, Non-MSA	General Availability

Item Number	Item Description	Price
SVC-SmartCare-BH (/support/support.asp)	Premium Support for Business Hours	Contact us (/howtobuy/) for availability and pricing.
SVC-SmartCare-24/7 (/support/support.asp)	Premium Support, 24 x 7 Coverage	Contact us (/howtobuy/) for availability and pricing.
SVC-SmartAssist-BH (/support/support-professional.asp)	Business Hour Support Services	Contact us (/howtobuy/) for availability and pricing.
SVC-SmartAssist-AH (/support/support-professional.asp)	After Hours Support Services	Contact us (/howtobuy/) for availability and pricing.

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(/support/support-warranty.asp) 1 Year Enhanced Warranty

SVC-ENHWAR2
(/support/support-warranty.asp) 2 Year Enhanced Warranty

SVC-ENHWAR3
(/support/support-warranty.asp) 3 Year Enhanced Warranty

SVC-ENHWAR4
(/support/support-warranty.asp) 4 Year Enhanced Warranty

SVC-ENHWAR5
(/support/support-warranty.asp) 5 Year Enhanced Warranty

SVC-EXTWAR2
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SVC-NETENG-HOUR
(/support/support-
professional.asp)

Network technician hour rate for pre-config services, after hours support, etc.

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and pricing.

Backgrounders

FiberPlex Capabilities Guide
(/backgrounders/FiberPlex_Capabilities_Statement.pdf)

October 6, 2017

Data Sheets

Patton Product Life Cycle Color Codes (/datasheet/Life-Cycle-Availability-Codes.pdf)
FiberPlex SFP BSDVXC (/datasheet/Fiberplex_SFP-BSDVXC-0000-L_DataSheet_130117.pdf)

April 24, 2015

January 17, 2013

Product & Solution Guides

FiberPlex Connectivity Product Guide (/guides/07FPC-OV_lo-res.pdf)
Enterprise Networking Products Guide (/guides/07MENTNET-PG-lo.pdf)

August 24, 2018

November 10, 2010

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(/products/special/services.asp)
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- > Partner Programs (/partners/)
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(/products/network-connectivity/#11)
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- Network Access
- > Ethernet Extenders (</ethernet-extender/#products>)
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- > xDSL Products (</xdsl/#products>)
- > Routers (</router/#products>)
- > Dial-Up Access (</dial-up/#products>)
- Sunset Products (</products/sunset-products.asp>)
- (</products/network-connectivity/#12>)
- > Fiber Telecom (T1/E1/PRI, Analog and ISDN)
- (</products/network-connectivity/#28>)
- > Pro AV Live and Media Broadcast Fiber Systems
- (</products/network-connectivity/#29>)
- > SFP (Small Form Pluggable) Module and Kits
- (</products/network-connectivity/#30>)
- > Fiber Alarming, Notification, Relay and Control
- (</products/network-connectivity/#24>)
- > Other Network Extenders
- (</products/network-connectivity/#13>)
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- (</products/network-connectivity/#3>)
- > Surge Protectors Opto-Isolators
- (</products/network-connectivity/#15>)
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(/products/networ connectivity/#10)
- > Fiber Rack and Enclosure Systems
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- > Fiber Repeaters and Wavelength Division Multiplexers (WDM)
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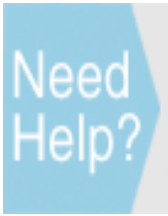
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(/support/support.asp)
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- > Warranty Services (/support/support-warranty.asp)
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