



Meet Fiberlink:

Fiberlink® is the most extensive collection of all-digital fiber optic transmission systems from any manufacturer. Fiberlink offers products that support nearly every type of video, audio and data signal. Completing our line of transmission systems are our multiplexers for transmitting multiple signals over a single fiber optic core and our optical distribution amplifiers that provide point-to-multipoint signal distribution.

Fiberlink® makes solutions practical and affordable.

Fiberlink is a truly plug-n-play system. No Fiberlink model requires any special tools, adjustments, equalization or deskewing during installation.

Fiberlink offers unbeatable performance and simplicity at a very affordable price

Fiberlink moves your signals digitally using light, not electricity, so your signal is immune to interference, ground-loops, EMI – virtually every prohibitive characteristic of copper is eliminated!

Fiberlink can send your signals farther and with greater signal fidelity

Multiple signals and signal types can be multiplexed over a single fiber optic core with no distortion or equalization and deskewing

Fiber is very affordable and can be purchased for less than Cat 5 in most cases

Fiber can be easily terminated on-site

Fiber is thinner, more flexible and stronger than coax, Cat 5, Cat 6 and twisted pair and stands up to greater abuse

Fiberlink offers complex point-to-multipoint and drop-and-repeat capabilities making it easy to take advantage of Fiberlink's benefits in any Pro A/V application.

Product Features Legend

VID Supports Video

AUD Supports Audio

DAT Supports RS Type Data and/or Ethernet

SM Supports Single Mode Fiber

MM Supports Multimode Fiber

UPS Universal Power Supply

Optical Matrix

Fiberlink® OM32 Optical Matrix Series



Fully Configurable 32x32 Optical Matrix

- Inputs & Outputs can be ordered in quantities of one, up to 32x32
- Input & Output quantities do not have to match
- SMPTE 297-2006 Compliant
- Supports up to 3G-SDI Data Rates
- Redundant Power Supplies
- RS-232 & Ethernet Controllable
- Create, Store & Recall Presets; transfer presets with USB
- Only 3RU High



The following CSI products are compatible with Fiberlink® Matrix when operating at the 1100 - 1620 nanometer range:

Scan Do® HD - 1297	Scan Do® HD - 1298		
3150 Series	335x Series	3360 Series	3400 Series
3440 Series	3620 Series	4040 Series	4160 Series
4320 Series	5100 Series (2 Fiber)	7030 Series	7040 Series
7050 Series	7060 Series	7070 Series	7100 Series
7130 Series	7140 Series	722x Series	7242 Series
7250 Series	7820 Series	8000 Series	8100 Series
Flex Series (1 Way & 2 Fiber for bi-directionality)			

Product Features Legend

- BOX** Available in Box Versions
- CRD** Available in Rackmountable Card Versions
- 1F** Uses One Fiber Cable
- 2F** Uses Two Fiber Cables
- 1/2F** Uses One or Two Fiber Cables
- NA** No Adjustments, Equalization or Deskewing

RGB & Audio

Fiberlink® 7220 Series



RGBHV and Stereo Audio Transmission

- Transmits over one fiber in point-to-point, point-to-multipoint, and drop-and-repeat configurations
- VGA, SVGA, XGA, and WXGA (up to 1368 x 768)
- Supports HDTV resolutions of 480p, 720p, and 1080i (RGBHV Format Only)
- 20Hz - 20kHz audio frequency response
- Digital transmission with no compression or pixel skewing

Fiberlink® 7240 Series



RGBHV, Stereo Audio, Ethernet and Two-Way Data Transmission

- Same video and audio specifications as the 7220 Series
- 10-Base-T support enables communication between a projector or other Local Area Network (LAN) enabled device and a LAN Server
- Bi-directional data channel supports RS-232, RS-422 and RS-485 protocols

Fiberlink® 7250 Series



RGBHV and Stereo Audio Transmission

- Supports up to 1920 x 1200 (WUXGA) and HDTV resolutions up to 1080p (RGBHV Format only)

DVI

Fiberlink® 7510 Series



DVI and Stereo Audio Transmission

- Transmits single link DVI up to 1920 x 1200
- Equalizes and re-clocks DVI input
- Supports HDTV resolutions up to 1080i and 1080p (DVI Format Only)
- Uses no compression, color space conversion, scaling, frame dropping or sync stripping
- Generate EDID internally, passed from the loop-through, or capture and store EDID1
- Dual Optical Output version available¹

¹ Available on multimode version only

Product Features Legend

VID Supports Video

AUD Supports Audio

DAT Supports RS Type Data and/or Ethernet

SM Supports Single Mode Fiber

MM Supports Multimode Fiber

UPS Universal Power Supply

3G/HD/SD-SDI

Fiberlink® 3350 Series



SMPTE Compliant 3G/HD/SD-SDI Transmission System

- All inputs and outputs are equalized and re-clocked
- Immune to pathological patterns over the entire link budget and operating temperature range
- SMPTE 424M-2006, 292, 259 and DVB-ASI compliant
- Supports embedded audio and data signals

3G/HD/SD-SDI to HDMI, DVI, HD Component or VGA

Fiberlink® 335X Series of Receivers



3G/HD/SD-SDI to HDMI, DVI, HD Component or VGA Family of Receivers

- All inputs and outputs are equalized and re-clocked
- Immune to pathological patterns over the entire link budget and operating temperature range
- Supports embedded audio signals

NEW!

3G/HD/SD-SDI & Audio

Fiberlink® 3360 Series



3G/HD/SD-SDI Transmission System with 4 Pairs (8 Channels) of AES/EBU Audio

- Same video specifications as the Fiberlink 3350 Series (Does not support DVB-ASI)
- Can embed up to 4 Pairs (8 Channels) of AES/EBU Digital Audio
- Receiver provides ability to de-embed audio signals

NEW!

Fiberlink® 3380 Series



3G/HD/SD-SDI Transmission System with 4 Pairs (8 Channels) of Analog Audio

- Same video specifications as the Fiberlink 3350 Series (Does not support DVB-ASI)
- Can embed up to 4 Pairs (8 Channels) of Analog Audio
- Receiver provides ability to de-embed audio signals

NEW!

3G/HD/SD-SDI & Data

Fiberlink® 3370 Series



3G/HD/SD-SDI Transmission System with RS-Type Data and 10/100 Base-T Ethernet

- Same video specifications as the Fiberlink 3350 Series (Does not support DVB-ASI)
- Transmit 10/100 Base-T Ethernet & two channels of RS-Type data
- Previously serialized audio that is present in SDI stream is left intact
- Operates with one single mode fiber or two multimode fibers

NEW!

Product Features Legend

BOX Available in Box Versions

CRD Available in Rackmountable Card Versions

1F Uses One Fiber Cable

2F Uses Two Fiber Cables

1/2F Uses One or Two Fiber Cables

NA No Adjustments, Equalization or Deskewing

Composite Video

Fiberlink® 7100 Series



Wideband Composite Video

- 15 Mhz Video Bandwidth
- Supports all video formats; NTSC/PAL/SECAM
- Signal-to-noise ratio: > 67dB per RS-250C

Fiberlink® 3134 Video Multiplexer Series



10 Channel Wideband Composite Video Multiplexer

- Multiplexes up to 10 composite video signals on one fiber
- Full color, uncompressed, real-time transmission in NTSC, PAL or SECAM
- Compatible with multimode or single mode fiber



Composite Video & Audio

Fiberlink® 3620 Series



Composite Video with 2 Audio Channels

- 10 Mhz Video Bandwidth
- 20Hz - 20kHz audio frequency response
- +10 dBU maximum audio level
- Line level, balanced or unbalanced audio

Fiberlink® 7130 Series



Wideband Composite Video with 4 Audio Channels

- 15 Mhz Video Bandwidth
- 20Hz - 20kHz audio frequency response
- Signal-to-noise ratio: > 67dB per RS-250C
- +24 dBU maximum audio level
- Line level, balanced or unbalanced audio

Fiberlink® 7140 Series



4 Composite Video Channels with 8 Audio Channels

- 7 Mhz Video Bandwidth
- 20Hz - 20kHz audio frequency response
- +10 dBU maximum audio level
- Line level, balanced or unbalanced audio
- Only 1 RU high with built-in power supply

Product Features Legend


 Supports Video

 Supports Single Mode Fiber

 Supports Audio

 Supports Multimode Fiber

 Supports RS Type Data and/or Ethernet

 Universal Power Supply

Fiberlink® 7820 Series

Transmit three channels of Composite Video along with stereo audio, or HD/SD Component Video along with stereo audio, or S-Video and Composite Video along with stereo audio:

- 30 Mhz Component Video Bandwidth (Supports 1080i & 720p)
- 15 Mhz Composite and S-Video bandwidth per channel
- Compatible with NTSC, PAL or SECAM video standards
- Switch selectable Audio Boost (+6dB)
- User-configured for balanced or unbalanced inputs and outputs

NEW!

Composite Video, Audio & Data**Fiberlink® Flex Series**

The Fiberlink® Flex System is an all digital, custom-configurable fiber optic link with the capability to transmit any or all of the following:

- One channel of Composite Video in one or two directions
- Four independent audio channels (four-one way or two bi-directional), line level, balanced or unbalanced
- Either two channels of bi-directional data, two channels of bi-directional contact closure or one channel of each
- All digital processing ensures uniform signal over entire transmission distance

Composite Video & Data**Fiberlink® 3800 Series**

1 Composite Video Channel with Two-Way Data

- 8 Mhz Video Bandwidth
- Supports all video formats; NTSC/PAL/SECAM and most duplex or simplex PTZ systems
- Data protocol can be different or same on the transmitting and receiving ends

S-Video & Audio**Fiberlink® 7820 Series**

Transmit S-Video and Composite Video along with stereo audio or three channels of Composite Video along with stereo audio, or HD/SD Component Video along with stereo audio:

- 30 Mhz Component Video Bandwidth (Supports 1080i & 720p)
- 15 Mhz Composite and S-Video bandwidth per channel
- Compatible with NTSC, PAL or SECAM video standards
- Switch selectable Audio Boost (+6dB)
- User-configured for balanced or unbalanced inputs and outputs

NEW!

Product Features Legend

- | | |
|--|---|
| Available in Box Versions | Uses Two Fiber Cables |
| Available in Rackmountable Card Versions | Uses One or Two Fiber Cables |
| Uses One Fiber Cable | No Adjustments, Equalization or Deskewing |

HD/SD Component Video & Audio

Fiberlink® 7820 Series



Transmit S-Video and Composite Video along with stereo audio or three channels of Composite Video along with stereo audio, or HD/SD Component Video along with stereo audio:

- 30 Mhz Component Video Bandwidth (Supports 1080i & 720p)
- 15 Mhz Composite and S-Video bandwidth per channel
- Compatible with NTSC, PAL or SECAM video standards
- Switch selectable Audio Boost (+6dB)
- User-configured for balanced or unbalanced inputs and outputs



Professional Audio

Fiberlink® 4040 Series



4 Audio Channels

- 20Hz - 20kHz audio frequency response
- +24 dBu maximum audio level
- Line level, balanced or unbalanced

Fiberlink® 4160 Series



16 Audio Channels

- 20Hz - 20kHz audio frequency response
- +24 dBu maximum audio level
- Optional redundant optical input/output
- Line level, balanced or unbalanced
- Only 1 RU high with built-in power supply

Fiberlink® 4320 Series



32 Audio Channels

- Same specification as the 4160 Series, but it supports 32 channels of audio

Product Features Legend

VID Supports Video

AUD Supports Audio

DAT Supports RS Type Data and/or Ethernet

SM Supports Single Mode Fiber

MM Supports Multimode Fiber

UPS Universal Power Supply

Data

Fiberlink® 5002 Series



RS-232 Data Transceiver

- RS-232 over 3 km of Multimode fiber
- Up to 120 kbps
- Small, compact size

Fiberlink® 5012/5018 Series



Universal Data Transceiver

- Supports RS-232/422/485 (2 wire or 4 wire)
- Single or mixed protocol operation

Fiberlink® 5100 Series



Ethernet Transceiver

- Supports 10/100/1000 Ethernet Full or Half Duplex
- Support Single mode & Multimode; 1 or 2 fibers

Optical Distribution

Fiberlink® 8000 Series



Point-to-multipoint optical signal distribution with no baseband signal degradation

- Configurable for 1, 2, 3 or 4 optical outputs
- Works with most one-way Fiberlink® Transmission Systems
- Supports 850nm, 1310nm or 1510nm
- Inputs and Outputs can be configured separately

Fiberlink® 8100 Series



Point-to-multipoint optical signal distribution with no baseband signal degradation

- Configurable for 2, 4, 6, 8, 10, or 12 optical outputs
- Works with most one-way Fiberlink® Transmission Systems
- Supports 850nm, 1310nm or 1510nm
- Wavelengths and Fiber Types specified in groups of two

Fiberlink® 8200 Series







Point-to-multipoint 3G/HD/SD-SDI distribution with no baseband signal degradation

- Accepts 3G/HD/SD-SDI via copper input or optical input
- Configurable for 1, 2, 3 or 4 optical outputs
- Supports 850nm, 1310nm or 1510nm
- Can be used with Fiberlink Matrix and FlexPOD



NEW!

Product Features Legend

- | | |
|---|---|
|  Available in Box Versions |  Uses Two Fiber Cables |
|  Available in Rackmountable Card Versions |  Uses One or Two Fiber Cables |
|  Uses One Fiber Cable |  No Adjustments, Equalization or Deskewing |

Optical Splitters, CWDMs & WDMs

Fiberlink® 6500 Series



Optically Split 1 Way Transmission

- 1x2 or 1x4 optical splitting available
- Multimode & single mode versions available

Fiberlink® 6400 CWDM Series



Passive Optical Coarse Wave Division Multiplexers

- Combine 4, 8 or 16 optical signals at different wavelengths onto one fiber
- Signals can be sent in same or opposite directions with no configuration
- Does not require any power



Fiberlink® 6400 WDM Series



Passive Optical Wave Division Multiplexers

- Combine two optical signals at different wavelengths onto one fiber
- Two signals can be sent in same or opposite directions
- Multimode & single mode versions available

Fiberlink® FlexPOD



Flexible Passive Optical Distribution System combines CWDM, WDM and Optical Splitters

FlexPOD can be configured with a CWDM to multiplex up to 16 optical signals on a single fiber, 4 WDMs to multiplex 8 signals onto 4 fibers, 4 optical splitters to split 4 input sources onto 16 fibers, or any combination of CWDMs, WDMs and splitters.



Rack Systems & Rack Accessories

Fiberlink® 6000A Series

Card Cage Enclosure for Fiberlink® Card Modules

- 19" Wide x 5.25" High (3 RU)
- Accepts any combination of up to 20 compatible units
- Optional single and multiple position blank filler panels available

Fiberlink® 6010A Series

Universal Switching Power Supply for 6000A Card Cage


- Occupies three positions in the 6000A Card Cage
- Powers any combination of card cage mounted transmission modules
- One or more additional units may be used for redundant operation

Product Features Legend

 Supports Video

 Supports Single Mode Fiber

 Supports Audio

 Supports Multimode Fiber

 Supports RS Type Data and/or Ethernet

 Universal Power Supply

Fiberlink® 6020A Series

Alarm Sensing Module for 6000A Card Cage

- Senses fault condition on any transmission module
- Blinking LED & pulsing noise indicate a problem
- Activates a set of isolated contacts which may be wired to a remote location
- Senses signal loss, broken fibers, loss of primary and/or redundant power

Accessories

Fiberlink® 6202 Field Termination Kit



Easy-to-use Fiber Optic Cable Termination Kit

- Includes all the tools necessary for termination
- Includes Quick Reference Guide and Training Video
- Convenient carrying case

Fiberlink® 6610 Visible Light Source



Provides a visible 650 nm laser output that can be used for identifying fiber breaks

- Works with single mode and multimode fiber
- Provides output via an FC connector; jumper cables, ST or SC adaptors may be used
- Two AA batteries provide up to 30 hours of operating power

Fiberlink® 6615 Optical Power Meter



Measures the power of optical signals at 850, 980, 1310 and 1550 nm wavelengths

- Works with single mode and multimode fiber
- Provides output via an FC connector; jumper cables, ST or SC adaptors may be used
- Two AA batteries provide up to 30 hours of operating power
- Gain and loss are accurately measured from -50 to +10 dBm

Fiberlink® 6620 Three Wavelength Light Source

Laser output at wavelengths of 1310 and 1550 nm and VCSEL output at 850 nm



- Operates with either single mode or multimode fiber
- Provides output via ST connectors; jumper cables or ST/FC adaptors may be used
- An 8.4-volt rechargeable battery provides up to four hours of operating power
- A standard, non-rechargeable 9-volt may also be used

Product Features Legend



Available in Box Versions



Uses Two Fiber Cables



Available in Rackmountable Card Versions



Uses One or Two Fiber Cables



Uses One Fiber Cable



No Adjustments, Equalization or Deskewing



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