

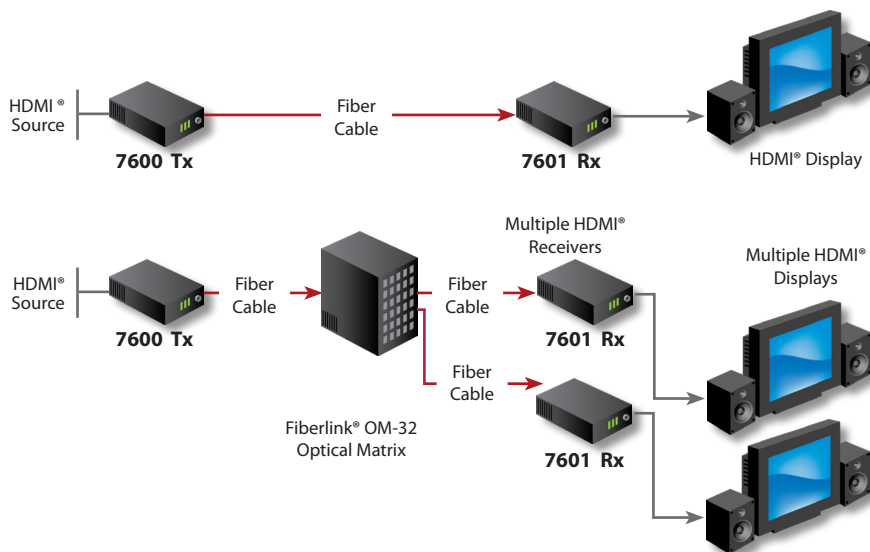


7600 HDMI® Series

Transmit HDMI® source with full HDCP compliance over one multimode or single mode fiber.

Ideal Applications:

Rental & Staging, auditoriums, stadiums and theaters, airport or transportation hubs, distance learning, surgical or medical imaging and more!



Signal	Channels	Direction
HDMI®	1	→

Features

Supports HDMI® resolutions up to 1920 x 1200 at 165 MHz pixel clock and HDTV resolutions of 480p, 1080i, and 1080p.

Unique 0/180 degree pixel clock selection to compensate for HDMI® cable skew.

Supports embedded stereo audio from the HDMI® source.

Uses no compression, frame dropping, or scaling for crystal clear signals.

Only one fiber used - no pixel skewing.

Supports EDID from internal generation, or capture and storage.

Transmits signals over one single mode or multimode fiber optic core.

RoHS Compliant.

Designed and Manufactured in the USA by CSI.

Ordering Information

Part Number	Description	Fiber Cores
7600-x7S	Transmitter	1
7601-x7S	Receiver	1
PDPS-1-pp	Power Supply	

Power Supply Suffix Codes (pp) for AC Line Cord:

NA - North America AU - Australia EU - Europe
 JP - Japan UK - United Kingdom

Part Number Suffix Codes:

x: B Box Version
 C Card Version

Sales



CSI Communications Specialties, Inc.

631-273-0404 | commspecial.com
info@commspecial.com

Fiberlink® 7600 Transmitter Specifications

HDMI® Input

Number of Inputs:	One HDMI® Single Link
Connector:	One female HDMI® type A with screw lock
Spatial Resolutions:	480i, 480p, 720p, 1080i, 1080p, 1920x1200p; 50, 59.94 and 60 Hz vertical refresh
Color Resolutions:	8-Bits per pixel; pixel-for-pixel sampling
HDMI® Embedded Audio:	2 channels
EDID:	Ability to capture EDID from target monitor or internal default resolutions
Color Space Support:	RGB or YCrCb

HDMI® Specifications

HDCP:	Compliant with High-bandwidth Digital Content Protection (HDCP) using HDMI® standards
HDMI® Version Support:	Contact CSI for details

Optical Output

Connector	ST
Wavelength	1310nm (nominal)
Emitter Type	FP Laser
Output Power (<i>nominal</i>)	-3.0 dBm (nominal)
CWDM Capable	Yes, Contact Sales

**Learn more about the industry's largest selection
of fiber optic transmission products at
commspecial.com**



7600 HDMI® Series

Fiberlink® 7600 Transmitter



The 7600 Transmitter provides
full HDCP-compliant
connectivity using one
SM or MM fiber.

Universal Power Supply
makes the 7600 Series
compatible worldwide!

**The Fiberlink®
7600 Series is available in a
card version that is compatible
with the Fiberlink® 6000A
Rackmountable Card Cage.**

Fiberlink® 7601 Receiver Specifications

Fiber Optic Input

Connector	ST
Wavelength	1100 - 1620 nm
Minimum Input Sensitivity	-17 dBm
Maximum Input Power	0 dBm
Link Budget with 7600 Transmitter:	0-14 dB

HDMI® Output

Number of Outputs	1
Connector	One Female HDMI® type A with screw lock
Spatial Resolutions:	480i, 480p, 720p, 1080i, 1080p, 1920x1200p; 50, 59.94 and 60 Hz vertical refresh
Color Resolution:	8 bits per pixel; pixel-for-pixel sampling
HDMI® Embedded Audio:	2 channels
EDID:	Ability to capture EDID from target monitor or internal default resolutions
Color Space Support:	RGB or YCrCb
HDCP:	Compliant with High-bandwidth Digital Content Protection (HDCP) using HDMI® standards

Fiberlink® 7600 Series General Specifications

LED Indicators	Power, Video, Audio, Alarm (Card Version Only)
Box Version Dimensions	6.5w x 1.15h x 8l (in) 165 W x 29 H x 203 L (mm)
Weight	1 lb. (0.455 kg)
MTBF	32,000 hours
Power	9-24 volts, AC or DC, 7600: 5.3 watts, 18.0 BTU/Hr 7601: 4.7 watts, 16.0 BTU/Hr
Operating Temperature	-10° C to +45° C



7600 HDMI® Series

Smart & Simple HDMI®
Signal Routing with
Fiberlink Matrix

Fiberlink®
7600 Transmitter



Fiberlink® Matrix
32x32 Optical Matrix



Fiberlink®
7601 Receiver



Fiberlink®
7601 Receiver



Fiberlink®
7601 Receiver

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commspecial.com

Learn more about the
Fiberlink® Matrix
at commspecial.com

Operating Loss Budget & Maximum Usable Distance*

Fiber Type	Loss(dB)	Distance
Single Mode	0-14	30km
Multimode (62.5u)	0-14	.8 km
Multimode (50u)	0-14	1km

*Distance specifications are approximate, based upon connecting a 7600 Transmitter to a 7601 Receiver, and are not guaranteed. CSI cannot estimate or guarantee operating loss budgets when the 7600 Series is used with other, non-Fiberlink devices. Operating loss budget must not be exceeded.



7600 HDMI® Series



Schedule
Contract GS-03F-5063C



Other Fiberlink® Products

Fiberlink® Matrix

Fully configurable 32x32 Optical Matrix



Fiberlink® 3360 3G/HD/SD-SDI & 4 Pairs of AES/EBU Digital Audio Series

SMPTE compliant 3G/HD/SD-SDI with 4 Pairs (8 Channels) of AES/EBU Digital Audio Embedding over one fiber



Scan Do® HD

Computer Video to 3G/HD/SD-SDI Scan Converter



Learn more about the industry's largest selection of fiber optic transmission products at commspecial.com



LIMITED WARRANTY

Backed by a 30-day satisfaction guarantee and a three-year limited warranty on parts and labor. See website for terms and conditions.

Sales



CSI Communications
Specialties, Inc.

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info@commspecial.com

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