



"All-in-the-headshell" design

Metal Enclosure

Mounts directly to chassis

LED status indicators

HDCP Compliant

Video, EDID and HDCP on a single fiber

Supports HDMI with embedded audio

Pin power capable

External power supplies included

TRANSMIT DVI SIGNALS UP TO 400 m ON A SINGLE FIBER

XtendView FiberDVI

Single Fiber Extender

RGB Spectrum's XtendView® FiberDVI™ is a compact single fiber DVI cabling solution for distances up to 1312 ft (400 m). FiberDVI consists of transmit and receive plug-in modules, with industry standard SC jacks for easy connection of the fiber. This innovative "all-in-the-headshell" solution uses miniaturized electronics that fit entirely within the metal alloy DVI connector housing, eliminating the need for external boxes and cables, and greatly simplifying installation.

An integrated data channel supports real-time EDID passthrough and HDCP. EDID and HDCP data are combined with the video, so only a single fiber is required. Embedded audio in HDMI signals is also supported.

Fiber optic cable is ideal for transmitting DVI signals over moderate to long distances. It is lightweight, secure, and immune to EMF and RFI interference. Different cable types are widely available for special requirements, including plenum-rated and armored. Where "sniff-proof" security is needed, fiber is the preferred solution.

For added ease of installation, transmit modules may be powered externally or by pin power.

With easy-to-terminate SC connectors, XtendView FiberDVI is an elegant solution for extending DVI signals.

Specifications

Tx and Rx Modules

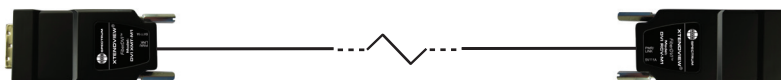
Format	Single-link
Pixel Clock	25 to 165 MHz
Power: Tx Module	Pin-power or external supply
Power: Rx Module	External supply
Resolutions	Up to 1920x1200 and 2048x1152
HDCP Compliant	Yes
Connectors	DVI-D, SC, Power
Power	5 VDC @ 0.5 amp

Optical Fiber

Fiber Type	Multimode 50 µm or 62.5 µm
Number of Fibers	1
Distance	1312 ft/400 m with OM3 or better
Connector	SC

Physical

Size (H x W x D)	0.58 x 1.58 x 3.58 in 1.47 x 4.02 x 9.09 cm
Weight	> 0.2 lbs/74 gm



RGB SPECTRUM®

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