

LINK BRIDGE™

LBF-DVI-T/R-1F

Link Bridge™ Optical DVI Extender over One Singlemode/Multimode Fiber

Application Diagram



Module (Tx & Rx)

DVI VIDEO

Video Standard	DVI 1.1
Video Resolution	Up to 1600x1200@60Hz, 1920x1200@60Hz, HDTV 1080P
Connector	DVI Female
Protocol	HDCP/DDC Capable

OPTICAL

Fiber Type	Multimode or Singlemode
Number of Fibers	1
Wavelength	1310 and 1550 nm
Connector	LC

FEATURES

- A miniature fiber-optic DVI digital video extender over 1 fiber
- DVI 1.0 Compliance, Up to 1600x1200@60Hz, 1920x1200@60Hz, HDTV 1080P
- Up to 300m over one (1) LC multimode OM3 fiber
- Up to 2Km over one (1) LC singlemode fiber
- Bi-directional transmission, capable of HDCP1.4/DDC
- RX will auto-detect video and feedback to TX to re-start transmission when lost signal
- Zero Compression and Zero Bit Reduction
- Equipped with system and link connection status LEDs

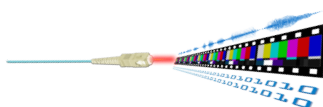
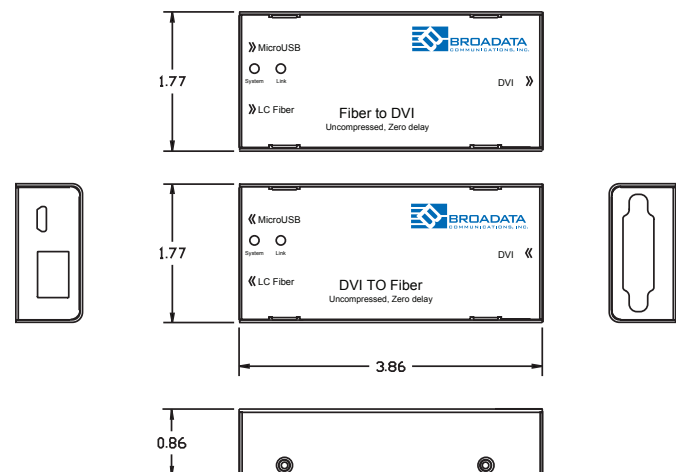
PHYSICAL

<i>Dimensions</i>	
Dimension (W x D x H)	1.77" x 3.86" x 0.86"
Power Supply	+5VDC @ 0.5A
Operating Temperature	0 to +40°C
Humidity	0 to 95% RH, Non-Condensing

ORDERING INFORMATION

LBF-DVI-T-1F	DVI Video Transmitter, MMF/SMF-LC, One Fiber (Up to 1080p)
LBF-DVI-R-1F	DVI Video Receiver, MMF/SMF-LC, One Fiber (Up to 1080p)

PANEL DRAWING



DOING MORE WITH ONE CABLE



HDCP
COMPLIANT