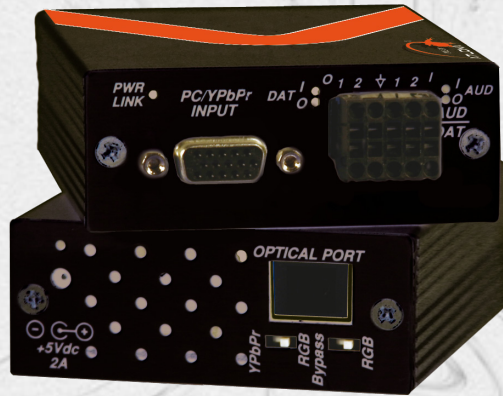




MINIATURE MULTIMODE FIBER OPTIC RGB/YPBPR EXTENSION KIT



SKU# AT-RGBF30SR

Atlona Technologies' new AT-RGBF30S (Transmitter) and AT-RGBF30R (Receiver) units are a low cost, Fiber Optic HDMI Extension kit. This extremely small and high performance solution will carry RGB/YpPr video signal, bi-directional stereo audio and 2 channels of RS-232 through one multimode fiber. This UL/CE approved Mini-HDMI fiber optic transmitter allows any HD display to extend that displays resolution up to 400m at WUXGA (1920x1200 @ 60Hz) and supports HDTV resolution up to 1080p HDTV.

Atlona's AT-RGBF30SR is equipped with advanced digital fiber optic technology, which allows for self adjustment with no compression, bit reduction, or signal degradation. Multiple signals can be run in a single conduit without crosstalk . With this embedded self-adjustment and no power cord needed, quick and easy set up is as simple as plug and play.

With use of Fiber Optics, rather than CAT5, these US manufactured product is perfect for government and hospitals. Signal flow through Fiber will not interfere with medical equipment or power generators. In the case of government use, Fiber is more beneficial for security purposes. While CAT5 can be spliced in order to extract information, Fiber cannot be interrupted, keeping information safe.

The AT-RGBF30S is compatible with other Atlona products including the AT-HDF30R and AT-DVIF30R, makes both fiber transmission RGB/YpPr to HDMI/DVI conversion in one single setup. This extension kit is a perfect solution for Video Wall Presentations and all Digital Signage applications.

Features:

- Support RGB and YpbPr signals
- Supported signals:
 - Analog video signal
 - Bi-Directional Stereo Audio
 - 2 Channel RS232
- Supported resolutions at 400M (1320FT)
 - PC : 1920x1200 (60Hz)
 - HDTV: 1080p/1080i/720p
- No loses, no degradations, no crosstalk
- One Multimode (SC type) Fiber
- UL/CE/FCC approved product
- High secure signal transfer
- Compatible with AT-HDF30R and AT-DVIF30R for signal conversion
- USA made product

Warranty:

3 year manufacture warranty (parts and labor)

Technical Specifications:

Video	
Resolution	Up to 1080p@60Hz or 1620x1200@60Hz Up to 1920x1200 @ 60Hz (RGB) Up to 1080p @ 60Hz (YPbPr)
Connector	HD-15
Audio	
Channel Capacity	2
Operating Mode	Unbalanced (Stereo Audio), Bi-directional
Input/Output Impedance	10k/50 Ohms (Stereo Audio)
Max. Input/Output Level	5 dBu/4Vpp (Stereo Audio)
Magnitude Freq. Response	20Hz to 20kHz @ -3dB
THD+N	>70 @ 1k Hz (Stereo Audio)
Connector	Terminal Block
Optical	
Fiber Type	Multimode
Number of Fibers	1
Connector	SC
Serial Data	
Channel Capacity	2
Signal Format	RS-232
Data Rate	Up to 57.6kbaud
Connector	Terminal Block
Physical	
Dimension (H x W x D)	1.2" x 3.0" x 3.6"
Power Level (max.)	+5VDC @ 1.0A
Operating Temperature	0 to +50°C
Humidity	0 to 95% RH, non-condensing



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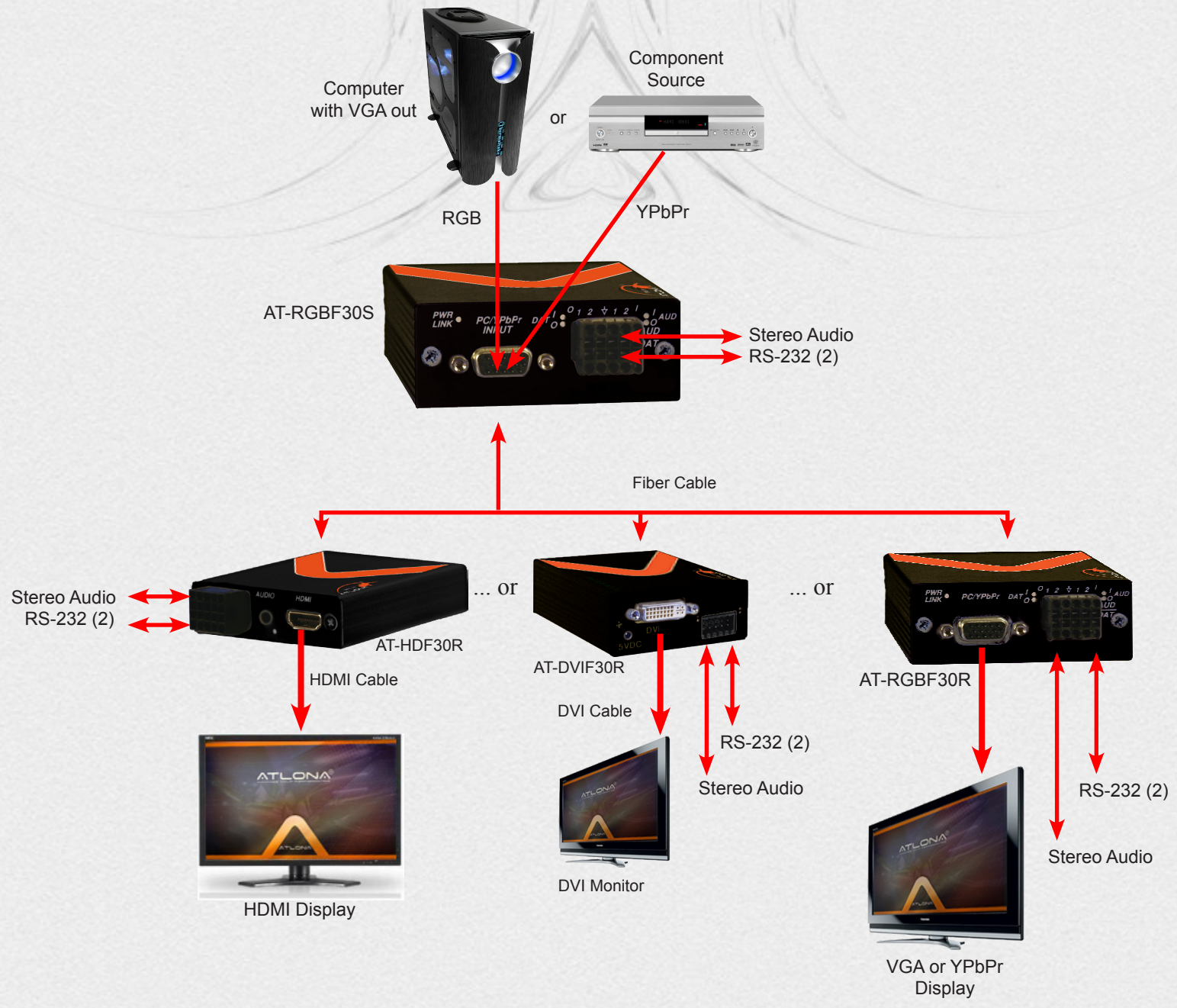
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Connection Diagram



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