

Atlona AT-RGBF30S Miniature Multimode Fiber Optic RGB/YPbPr Extender (Transmitter unit only)

Miniature Multimode Fiber Optic RGB/YPbPr Extender (Transmitter unit only). Model: AT-RGBF30S

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/YPbPr 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/YPbPr 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 losses, 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

Technical Specifications:

- 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
- Fiber Type: Multimode
- Number of Fibers: 1
- Connector: SC
- Serial Data Channel Capacity: 2
- Signal Format: RS-232
- Data Rate: Up to 57.6kbaud
- Dimension (H x W x D): 1.2" x 3.0" x 3.6"
- Power Level (max.): +5VDC @ 1.0A
- Operating Temperature: 0 to +50oC
- Humidity: 0 to 95% RH, non-condensing

Package Includes:

- Atlona AT-RGBF30S x 1
- Power supply x 1 (optional use)
- Mini Kit Cable (RS232 x 2, Stereo Audio x 2) x 1
- Operation Manual x 1

Warranty:

3 year manufacture warranty (parts and labor)

FYI: for complete operation requires purchase of AT-RGBF30R (RGB/YPbPr receiving unit), AT-HDF30R or AT-DVIF30R