

Atlona AT-RGBF30R Miniature Multimode Fiber Optic RGB/YPbPr Extender (Receiving unit only)

Miniature Multimode Fiber Optic RGB/YPbPr Extender (Receiving unit only). Model: AT-RGBF30R

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 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. 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
- 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-RGBF30R 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-RGBF30S (RGB/YPbPr transmitting unit)