

# Atlona AT-HDF30S Miniature Multimode Fiber Optic HDMI Extender ( Transmitter only )

## Miniature Multimode Fiber Optic HDMI Extender with 3D Support (Transmitter unit only). Model: AT-HDF30S

Atlona Technologies' new AT-HDF30S ( Transmitter ) and AT-HDF30R ( Receiver ) units are low cost, Fiber Optic HDMI baluns. This extremely small and high performance solution will carry HDMI audio/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 video source to extend signal up to 400m at WUXGA (1920x1200 @ 60Hz) and supports HDTV resolution up to 1080p. Multiple signals can run through a single conduit without crosstalk or interference . Along with being HDCP compliant, this unit is capable of transmitting DVI video signal with an Atlona DVI-to-HDMI adapter. Atlona's AT-HDF30SR is equipped with advanced digital fiber optic technology allowing for self adjustment with no compression, bit reduction, or signal degradation. These units support 12-bit color depth and have an 8dB input equalizer, which compensates losses over 5m (16ft). With this 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, this US manufactured product is perfect for government and hospitals. Signal flow through Fiber will not interfere with medical equipment. 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 tapped into, keeping information safe. The AT-HDF30S is compatible with other Atlona products including the AT-DVIF30R and AT-RGBF30R ( for non HDCP signal only ). Using one of these units on the receiver end will not only transmit signal, but also convert from HDMI-to-RGB/YPbPr/DVI in a single setup. This extension kit is the perfect solution for Video Wall Presentations and all Digital Signage applications due to its long range, conversion ability, and lossless signal transmission.

### Features:

- **3D Capable**
- HDMI v1.3 Compliant
- Supported signals:
  - Digital Audio Video
  - Bi-Directional Stereo Audio
  - 2 Channel RS232
- Supported resolutions at 400M ( 1320FT )
  - PC : 1920x1200 (60Hz)
  - HDTV: 1080p/1080i/720p
- Supports HDCP/DDC Content
- No losses, no degradations, no crosstalk
- One Multimode ( SC type ) Fiber
- UL/CE/FCC approved product
- 12-bit color depth and 8dB equalizer
- MAC/PC compatible
- High secure signal transfer
- Compatible with AT-DVIF30R and AT-RGBF30R
- USA made product

### Technical Specifications:

- Resolution: Up to 1080p@60Hz or 1920x1200@60Hz
- Connector: HDMI Female Plug
- Protocol: HDCP/DDC Capable
- Audio Channel Capacity: 2
- Operating Mode: Unbalanced (Stereo Audio), Bi-directional
- 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
- Dimension (H x W x D): 0.75" x 2.75" x 3.0"
- Power Level (max.): +5VDC @ 1.0A
- Operating Temperature: 0 to +50oC
- Humidity: 0 to 95% RH, non-condensing

### Package Includes:

- Atlona AT-HDF30S 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-HDF30R ( HDMI Receiving Unit ), AT-DVIF30R or AT-RGBF30R**