



Pro AV/IT HDMI 18G Fiber Extender TX/RX Kit up to 3300ft

Comprehensive's CHE-HDF18G01 HDMI over fiber extender supports 18G and can extend HDMI signals up to 3300ft to a compatible display.

This TX/RX kit is designed to convert a full HDMI signal to a fiber signal which can be conveniently transmitted over 3300ft using single mode fiber cable or 1000ft over multi-mode fiber cable. The CHE-HDF18G01 works with any compatible HDMI device and supports resolution up to 4K Ultra HD. Included are two IR receivers and two transmitters, allowing for bi-directional infrared control of a connected HDMI source and display, and supports RS232 control signal.

Comprehensive's CHE-HDF18G01 HDMI over fiber extender is perfect for lecture halls, retail sales displays, and anywhere in between. All components are RoHS Compliant and come with a 3 Year Warranty.



Features

- Supports High Definition resolutions up to 4K2K@60Hz (YUV:444), 4K2K@30Hz, 1080P@120Hz, & 1080P 3D@60Hz
- Supports video transmission up to 3300ft over a single-mode fiber cable
- Supports video transmission up to 1000ft over a multi-mode fiber cable (50/125µm/OM3)
- HDMI 2.0, HDCP 2.2 compliant
- Supports up to 7.1 channels of High Definition audio (LPCM, Dolby TrueHD, and DTS-HD Master Audio)
- Supports Bi-directional wideband IR control, RS-232
- Compact design for an easy and flexible installation
- Kit includes Transmitter and Receiver
- RoHS Certified
- 3 Year Warranty

Specifications

Video Bandwidth 18Gbps

Video Resolutions: up to 4k2k@60Hz (YUV4:4:4)

HDMI Compliance: HDMI 2.0b and DVI compliant

HDCP Compliance: 2.2 and HDCP 1.4

Color Space: RG, YCbCr 4:4:4, YCbCr 4:2:2

Color Depth: 8-bit, 10-bit, 12-bit

HDMI Audio Formats: (pass-through): LPCM 2/5.1/7.1 CH,

Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X

Transmitter Inputs: 1xHDMI, 1xIR (3.5mm stereo mini-jack), 1xRS232 (phoenix connector)

Transmitter Output: 1x LC Single-Mode Fiber Optical [HDMI & Propriety Data] 1xIR (3.5mm stereo mini-jack)

Receiver Inputs: x LC Single-Mode Fiber Optical [HDMI & Propriety Data] 1xIR (3.5mm stereo mini-jack)

Receiver Outputs: 1xHDMI, 1xIR (3.5mm stereo mini-jack), 1xRS232 (phoenix connector)

Housing: Metal enclosure

Dimensions: 4in (W) 2.5in (D) 1in (H)

Weight: 0.5lbs

Power Supply: AC100-240v 50/60Hz (input), DC 5V/1A (US/EU standards, CE/FCC/UL certified)

Power Consumption: 3W (max) - *POC power consumption > 10W

Operating Temperature: 32 - 104°F / 0 - 40°C

Storage Temperature: -4 - 140°F / -20 - 60°C

Relative Humidity: 20 - 90% (non-condensing)

Warranty: 3 Years

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