

HOF T2.0 TAA Compliant 4K60 HDMI Over Fiber Optic Extension System



The **HOF T2.0 Tx/Rx** is TAA Compliant and offers a powerful solution for ultra-high definition, long-distance distribution of A/V, KVM, and control signals over fiber. Ultra HD/4K HDMI 2.0 (18Gbps), embedded audio, USB, and bi-directional RS-232 and IR are all supported over distances up to 1.24 miles (2000 m.) using PureLink's TotalWire LC-terminated fiber optic cables. The pure fiber connection provides protection from electromagnetic interference (EMI), delivering lossless transport for optimal signal quality.

Key Features

- TAA Compliant
- Supports resolutions up to 4K@60Hz 4:4:4, HDR
- Supports distances up to 1.24 miles (2000 m.) over single-mode fiber, 300m multi-mode fiber.
- HDMI 2.0, HDCP 2.2 Compliant
- 18Gbps bandwidth support
- Supports LPCM 7.1 audio, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio, DTS:X formats
- Bi-directional IR & RS-232 control
- Supports USB keyboard mouse

Technical Specifications

CONNECTOR TYPE/S (TX)	Inputs: (1) HDMI Type A female, (1) USB Type B Outputs: (1) SFP 10G+ Fiber module Control: (1) DB9 female [RS-232], (2) 3.5mm jack [IR Input/Output]
CONNECTOR TYPE/S (RX)	Inputs: (1) SFP 10G+ Fiber module Outputs: (1) HDMI Type A female, (2) USB Type A Control: (1) DB9 male [RS-232], (2) 3.5mm jack [IR Input/Output]
RESOLUTIONS	4K@60Hz 4:4:4 18Gbps (6Gbps per color) 1080p@60Hz 16bit, 3D, HDR, Dolby Vision
AUDIO FORMATS	LPCM 7.1 @192KHz, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio, DTS:X
TRANSMISSION DISTANCE	Up to 1.24 miles (2000 m.) over single-mode fiber
RS-232 DATA RATE	115200 bps / Full Duplex
POWER CONSUMPTION	Max 5 W
POWER SUPPLY	DC 5V 2A
TEMPERATURE	Operation: 14~113°F (-10~45°C) Storage: -22~158°C (-30~70°C)
RELATIVE HUMIDITY	Up to 95%
DIMENSIONS (WxDxH)	4.31"x4.51"x1.18" (109.6 x 114.5 x 30mm)
WEIGHT	0.6 lb. (270g)