



## OVERVIEW

The LBO-H2P Series is a high performance, low cost, small form-factor, Fiber Optic 18G/4K HDMI Transmission System (Transmitter and Receiver). It carries one (1) unidirectional 18G/4K HDMI video signal that supports all HDR formats, including HDR10+ and Dolby Digital along with HDCP/DDC and Audio Return Channel (ARC) support, over one (1) multimode fiber cable. Provides fully uncompressed video without any color space conversion and audio extension with zero loss of quality. This unique fiber optic transmission system lets your digital flat panel display extend up to 300m at 4k@60Hz, 4:4:4 resolution.

## FEATURES

- Extend 18G/4K HDMI signals up to 300 meters over OM3/OM4 multimode fiber or up to 300 meters over OM4 (6000MHz-Km bandwidth)
- Video Resolutions up to 4K (18 Gbps) @ 60Hz, 4:4:4
- Fully uncompressed video and audio provides zero loss of quality
- Supports CEC, HDR and ARC
- Video over 1 multimode fiber
- HDCP 1.4 and 2.2 compliant
- Multi color status LED (6 mode indicator LEDs)

## VIDEO SPECIFICATIONS

<b>Resolution</b>	Up to 4K @ 60Hz, 4:4:4
<b>Connector</b>	HDMI Female
<b>Protocol</b>	DDC/HDCP 2.2, CEC, HDR, ARC Capable

## OPTICAL

<b>Fiber Type</b>	Multimode
<b>Number of Fibers</b>	1
<b>Connector</b>	SC

## PHYSICAL

<b>Dimensions</b>	1.37" (W) x 2.49" (D) x 0.57" (H)
<b>Power Consumption</b>	+5V DC @ 500mA (max)
<b>LED Indicator</b>	Power/Link/HDCP
<b>Operating Temperature</b>	0 to 40°C
<b>Humidity</b>	0 to 95% RH, Non-Condensing

## CERTIFICATIONS

CE, FCC

## GREEN COMPLIANCE

RoHS

## ORDER INFORMATION

<b>LBO-H2P-T-M-SC</b>	Fiber Optic 18G/4K HDMI Transmitter Multimode, 1-Fiber, No Pigtail
<b>LBO-H2P-R-M-SC</b>	Fiber Optic 18G/4K HDMI Receiver Multimode, 1-Fiber, No Pigtail
<b>Included Accessories</b>	5V DC Power Adapter Micro-USB Cable
<b>Optional Accessories</b>	Add -UPS for International Power Supply Add -Med for Medical Grade Power Supply

## PANEL DRAWING

