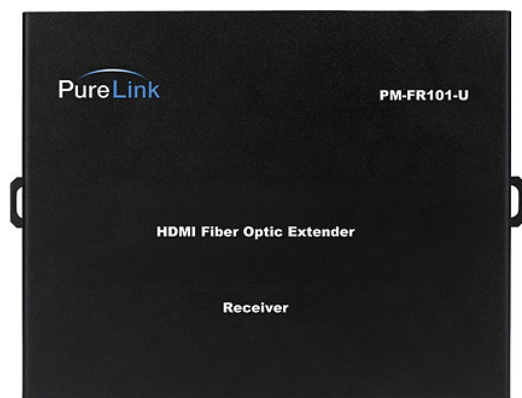


# PM-FR101-U 4K HDMI over 1 LC Fiber Receiver



The **PM-FR101-U** is a PureMedia™ Fiber Optic extender receiver for HDMI offering powerful and reliable long-distance extension of Ultra HD/4K video, embedded and analog stereo audio, as well as control signals up to 32,808 ft. (10 km) over a single-mode fiber optic cable.

## Key Features

- Extends uncompressed digital video, audio, and control signals over fiber
- Supports resolutions up to Ultra HD/4K
  - 10 km. (32,800 ft.) over single-mode fiber
  - 500 m. (1,650 ft.) over multi-mode fiber
- HDCP compliant
- RS-232 control
- Compatible with the PureMedia™ matrix switcher fiber outputs (PM-FOS4-U)
- Compatible with DVI display devices (adapter required)

## Technical Specifications

<b>INPUT SIGNAL</b>	Fiber Optical Output ( > -10dbm (after 32,88ft (10km) transmission))
<b>OUTPUT SIGNAL</b>	DVI / HDMI (TMDS), 3.5mm stereo audio (> 4db (after 32,88ft (10km) transmission))
<b>DATA RATE</b>	3.4 Gbps/ch, Total 10.2 Gbps Max
<b>SUPPORTED RESOLUTIONS</b>	Up to 3840 x 2160 @24/25/30Hz (RGB 4:4:4, YCbCr 4:4:4, 4:2:2, 4:2:0)
<b>MAX. DISTANCE</b>	Single Mode Fiber: 1920 x 1200 @ 60Hz or at 1080p, Ultra HD 4K : 32,808 ft (10km) Multi Mode Fiber: 1920 x 1200 @ 60Hz or at 1080p, Ultra HD 4K : 1,650 ft (500m)
<b>CONNECTOR TYPE</b>	DVI 29P/HDMI 19P Female (x 1) 3.5mm Stereo Jack 1 LC Optical Connector 3P /3.5MM Terminal Block (for Power) 3P /3.5MM Terminal Block (for RS-232) Mini USB (for firmware update)
<b>SUPPORTED FORMATS</b>	DVI 1.0 , HDMI 1.4b, HDCP 2.0
<b>POWER CONSUMPTION</b>	DC +12V, 4Watts Max
<b>DIMENSIONS(W X D X H)</b>	5.75" x 4.5" x 1.25" (144.78 x 114.3 x 31.75 mm)
<b>WEIGHT</b>	0.5 lbs ( 226.79g)