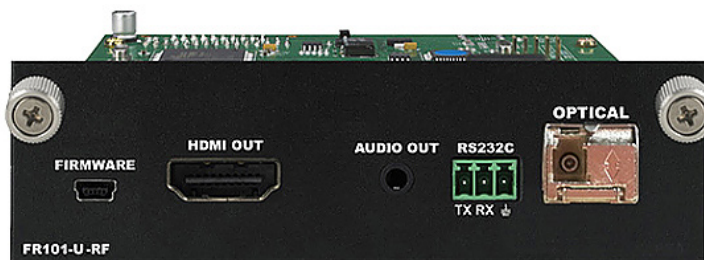


# PM-FR101-U-RF 4K HDMI over 1 LC Fiber Receiver for RF4-U Extension Center



The [PM-FR102-U-RF](#) is a PureMedia™ Fiber Optic extender receiver designed for use with the [RF4-U Rack-Mount Extension Center](#). The PM-FR101-U-RF offers 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)<br>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)<br>3.5mm Stereo Jack<br>1 LC Optical Connector<br>3P /3.5MM Terminal Block (for Power)<br>3P /3.5MM Terminal Block (for RS-232)<br>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> | 5.31" x 1.31" x 4.5" (134.93 x 33.33 x 114.3 mm)  |
| <b>WEIGHT</b>                | 0.5 lbs ( 226.79g)  |