

4K HDMI 2.0-Beam Box

PMD 4K HDMI 2.0-Beam Box – this unique fiber optical transceiver let your PC, digital UHD monitor extend up to 200 meter(656ft) away from host based on HDMI standard without signal degradation by UHD (3840x2160 or 4096x2160 @60Hz) resolution.



Feature

- High Speed and long distance transmission by optical system
- Compatible with HDMI standard V2.0
- Supports 50-micron OM3 or OM4 Fiber with an SC Connector
- Main-link video signal / DDC data and Hot Plug Detection signal is transmitted by-1 channel multimode optical fiber
- External power supply use(TX, RX)
- SCDC(Status and Control Data Channel) compliant
- HDCP 2.2 compliant
 - Does not support CEC and HEAC
 - HDMI cable is not include



Technical Specifications

- Optical Converter
 - 850nm, 4Ch Transmit OSA 911nm, 1Ch VCSEL 980nm, 1Ch PIN P/D Diode
 - 850nm, 4Ch Receive OSA 980nm, 1Ch VCSEL 911nm, 1Ch PIN P/D Diode
- Input and Output Signal : HDMI 2.0 Standard
- Video Bandwidth : 6Gbps / Channel
- Module Size : 81.2mm(W) x 21.1mm(D) x 47.5mm(H)
- Optical Connector : SC Connector
- Electrical Connector : HDMI Female Connector (19 Pin)
- Applied Fiber : OM3 or OM4 Multi-mode glass-fiber.
- Maximum Supporting Resolution:
 - UHD(3840x2160@60Hz / 4096x2160@60Hz)
- Transmission distance : 200 meter (656 ft)
- External Power : 5V / 2A (1.35ø DC JACK)

Ordering Information

Order number:
8634-0036-02

