

One (1) fiber Detachable HDMI Extender, HDFX-200-TR (Preliminary)



Descriptions

New optical HDMI extender, **HDFX-200-TR** has one (1) LC fiber connection and is designed compact enough to be fitted into various installation environments. The HDFX-200 with the same mechanical dimension for each of transmitter and receiver enables to transmit the uncompressed HDMI up to WUXGA (1920x1200) at 60Hz refresh ratio or 1080p at 60Hz, avoiding any tricks like scaling or data compression for lessening a burden of data transmission.

Between its transmitter and receiver, pure fiber connection by one (1) LC fiber connector gives clean, secure and easy installation with no electrical hazard and a perfect electrical isolation. The maximum extension is 300m (985feet) over a multi-mode fiber.

HDFX-200 has HDMI receptacle and provides intermediate cable to be connected to various types of HDMI connectors. It passes CEC, EDID & HDCP for better installation flexibility.

Key Features

- Extends WUXGA (1920x1200) at 60Hz (1.65Gbps/ch) or 1080p at 60Hz (36bit, 2.25Gbps/ch)
- Transmits HDMI data up to 300m (985feet) over one (1) LC multi-mode fiber
- Has HDMI receptacle and provides intermediate cable for flexible installation
- Supports HDMI1.3 up to 36-bit color depth
- Complies with CEC, EDID & HDCP1.2
- Certifies FCC and CE standards for EMI/RFI emission
- Compliant with Class 1 LASER Eye Safety
- Includes two (2) +5V DC power adapters for the transmitter and receiver
- Size (WDH): 34 x 52 x 14.4mm

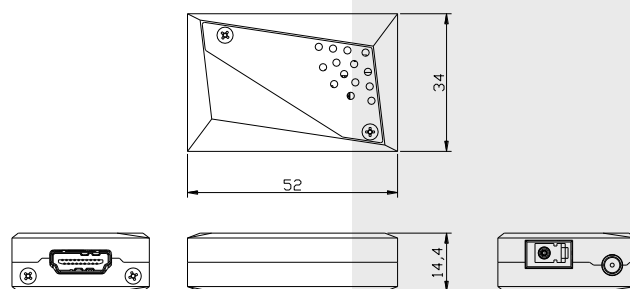
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Technical Features

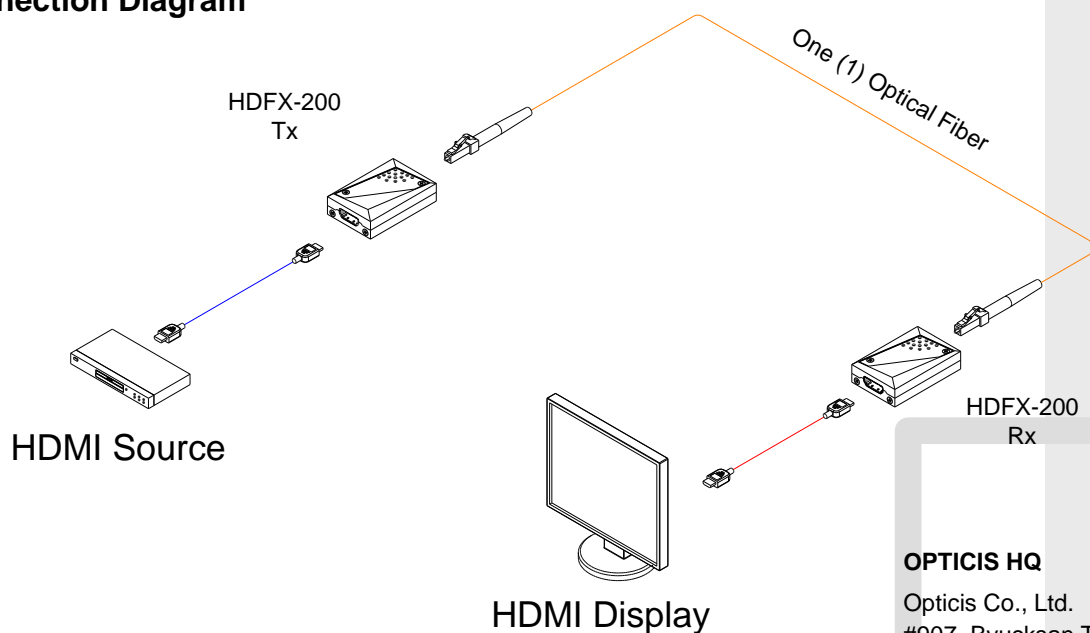
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|-----------------------|---|
| Resolution | Up to WUXGA at 60Hz or 1080P at 60Hz, 36bit |
| Bit rate | Up to 2.25Gbps |
| Maximum distance | 300m @WUXGA, 60Hz with 50um fiber |
| Fiber | LC terminated 1 core multi-mode fiber |
| Power supplying | TX: HDMI source or External 5V/1A DC power RX: External 5V/1A DC Power |
| LED Indicators | TX: Power, Signal transmission RX: Power, Signal detection |
| Power consumption | TX: 2.9W, RX: 2.2W |
| Size (WDH) | 34 x 52 x 14.4mm |
| Operating temperature | 0 ~ 50℃ |
| Operating Humid. | 0 to 85% RH, non-condensing |

Dimension

[Unit: mm]



Connection Diagram



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