

# PureLink DOF4 Tx HDTools DVI over 4 Fiber Extender (Transmitter) Kit/Full HD

| Fiber optical cabling between transmitter and Receiver   |   |
|--|---|
| Type / Number of fiber   | 4 Strand fiber optic cable, 50/125 $\mu\text{m}$ or 62.5/125 $\mu\text{m}$ multimode                                      |
| Connector  | 4 Female LC connectors  |
| Operating distance   | Up to 5000 ft (1,530m)  |
| NOTE: Operating distance is approximate. This is a typical distance. The maximum distance may be greater than these typical numbers depending on factors such as fiber type, bandwidth, connector splicing, loss, bend radius and environmental factors. |   |
| Nominal peak wavelength  | 850 nm (Multimode)  |
| Transmission power   |   |
| Multimode  | -5 dBm, typical   |
| Maximum receiver sensitivity   |   |
| Multimode  | -11 dBm, typical  |
| Optical loss budget  |   |
| Multimode  | 8 dB, Max   |
|  |   |
| Video  |   |
| Maximum Channel Data Rate  | 1.65 Gbps per color (DVI-D, single link) / 2.25Gbps per color (HDMI)  |
| Pixel clock  | 165 MHz   |
| Supported resolution   | Up to 1920 x 1200 / 1080p @ 60Hz single link (up to 5,000ft) Up to 1280 x 1024 / 1080i @ 60Hz single link (up to 1,650ft) |
| Formats  | RGB & YCbCr digital   |
| Standard   | DVI 1.0, HDMI 1.3   |
| HDCP support   | Yes   |
|  |   |
| Audio  |   |
| Connector  | 3.5mm Mini Jack Stereo Audio  |
| Gain   | Unbalanced output: 0 dB, Balanced output +5 dB  |
| Frequency response   | 20Hz, $\pm 0.05\text{dB}$   |
| Impedance  | >10K ohms(input) 50ohms (unbalanced output) 100 ohms (balanced output)  |
| Nominal level  | -9dBV   |
| Maximum level  | +6 dBV (Unbalanced, input), > $\pm 16$ dBu (balanced output)  |
|  |   |
| Video connector - Transmitter & Receiver   |   |
| Signal Type  | Single link DVI, HDMI   |
| Connector  | Female DVI-D, HDMI  |
|  |   |
| General Information  |   |
| Power supply   | This specific product will be powered by RF6 main frame (12V 3A, 14 watts max)  |
| NOTE: Both transmitter and receiver extender need to be powered locally by provided external power supply adapter.   |   |
| Power consumption  | 2.1 ~ 3.0 watts   |
| Cooling  | Convection  |
| Mounting   | Install it with the RF6 rack mountable frame (19", 1RU)   |
| Dimension  | Single or Double slot space   |
| Weight   | 0.97lbs   |
| NOTE: All nominal levels are at $\pm 9\%$ NOTE: Specifications are subject to change with or without notice.   |   |