

OLC II Tx/Rx DVI to 2 LC Fiber Extension System



The HDTools™ **OLC II Tx/Rx DVI over Fiber Extension System** extends Full HD (1080p) signals up to 6,600 feet over a single-mode and up to 1,650 ft over a multi-mode cable. With PureLink’s unique Auto-EDID feature, a separate DDC connection is no longer necessary, simplifying cable management and ensuring rapid communication between devices.

The transmitter and receiver modules are detachable and housed in compact DVI enclosures, allowing the fiber cable to be run through small conduits and other tight spaces. Additionally, fiber transmission offers secure transmission and is immune to outside interference, providing an ideal solution for government, military, and medical applications.

Individual units also available: [OLC II Transmitter](#) and [OLC II Receiver](#)

Key Features

- Supports resolutions up to 1080p@60Hz
- Supports distances up to 6,500 ft. (via Singlemode Fiber)
- DVI 1.0 compliant
- Virtual DDC and Auto-EDID programming
- Detachable Tx/Rx modules

Hardware

INPUT SIGNAL TYPE(S)	TX: Single Link Male DVI-D RX: (2) Female LC connectors
OUTPUT SIGNAL TYPE(S)	TX: (2) Female LC connectors RX: Single Link Male DVI-D

Performance

SUPPORTED DISTANCE	up to 6,600 ft (2000m) singlemode / up to 1,650 ft (500m) multimode
SUPPORTED RESOLUTIONS	up to 1920 x 1200 / 1080p @ 60Hz single link (up to 6,600ft) Singlemode, up to 1920 x 1200 / 1080p @ 60Hz single link (up to 1,650ft) Multimode
COMPLIANCE	DVI 1.0
POWER CONSUMPTION	1 watt
POWER SUPPLY	12VDC, 1A, 5 watts(max)
OPERATING TEMPERATURE	32° ~ 117° F (0° to 47° C)
STORAGE TEMPERATURE	-40° ~ 158° F (-40° to 70° C)
RELATIVE HUMIDITY	0 ~ 90% non-condensing
MTBF	50,000 hours

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Enclosure

PRODUCT DIMENSIONS 1.5" (W) x 0.6" (H) x 2.7" (D)

PRODUCT WEIGHT 0.33 lbs

Warranty

WARRANTY Limited Warranty (3-Years)