

ODA II Tx/Rx DVI + Audio, RS-232 to 2LC Fiber Extension System



The HDTools™ **ODA II Tx/Rx** provides long distance extension of DVI, 3.5mm stereo audio, and RS232 control signals over a two-strand fiber optic cable. The ODA II Tx/Rx supports both multimode and singlemode fiber, offering an added layer of flexibility for integration in a wide range of applications.

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

Key Features

- DVI + Audio, RS-232 extended over 2LC Fiber
- Supports resolutions up to 1080p@60Hz
- Supports cable distances up to 2,000m
- HDCP compliant
- Signal amplification and noise cancellation technology
- Auto-EDID management

Hardware

INPUT SIGNAL TYPE(S)	TX: (1) Single Link Female DVI-D; (1) 3.5mm Mini Jack Stereo Audio RX: (2) Female LC connectors
OUTPUT SIGNAL TYPE(S)	TX: (2) Female LC connectors RX: (1) Single Link Female DVI-D; (1) 3.5mm Mini Jack Stereo Audio

Performance

SUPPORTED DISTANCE	up to 6,600 ft. via singlemode fiber; up to 1,650 ft. via multimode fiber
SUPPORTED RESOLUTIONS	up to 1080p@60Hz
DATA TRANSFER RATE	1.65 Gbps per color
COMPLIANCE	DVI 1.0, HDMI 1.3, HDCP Supported
RS-232	(1) RS-232 [3-pin phoenix]
POWER CONSUMPTION	7 watts
POWER SUPPLY	12VDC, 3A, 13 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

ODA II Tx/Rx DVI + Audio, RS-232 to 2LC Fiber Extension System

Enclosure

RACK MOUNTING OPTION	Mounting ears for ceiling and behind the monitor
PRODUCT DIMENSIONS	4.3" (W) x 3.1" (D) x 1.6" (H)
PRODUCT WEIGHT	0.9 lbs

Warranty

WARRANTY	Limited Warranty (3-Years)
----------	----------------------------