

FiDO Series Optical Fiber Extenders



FiDO

Single, Dual, and Quad Channel SDI/Fiber Converters

FiDO is a family of SDI/Optical Fiber extenders. FiDO allows the transport of 12G/3G/HD/SD-SDI over distances up to 10km when using standard Single Mode fiber optic cable with Single Mode models.

Choose LC, ST, or SC connectors, depending on the converter model.

CWDM SFP options are available for FiDO-2T-X and FiDO-4T-X models. Configure as appropriate with the SFP configurator.

FiDO converters meet all relevant SMPTE specifications and are rugged, versatile, and suitable for a variety of applications.

Features

- Transport of 12G/3G/HD/SD-SDI over optical fiber connections
- Auto-detection of video format
- All SDI Ancillary data including embedded audio is passed
- Simplex or Duplex models available
- All inputs, either SDI or fiber, are equalized and reclocked
- ASI compatible
- Useful for eliminating ground loop problems
- 5-20VDC power supply (included)
- Five year warranty

Models:

- FiDO-TR-12G: 12G-SDI/LC Fiber transceiver
- FiDO-T-12G: Single Channel 12G-SDI to LC Fiber converter, with looping SDI output
- FiDO-R-12G: Single Channel LC Fiber to 12G-SDI converter, with dual SDI outputs
- FiDO-2T-12G: Dual Channel 12G-SDI to LC Fiber converter
- FiDO-2R-12G: Dual Channel LC Fiber to 12G-SDI converter
- FiDO-TR: SDI/LC Fiber transceiver
- FiDO-T: Single Channel SDI to LC Fiber converter, with looping SDI output
- FiDO-T-MM: Multi-Mode Single Channel SDI to LC Fiber converter, with looping SDI output
- FiDO-R: Single Channel LC Fiber to SDI converter, with dual SDI outputs
- FiDO-R-MM: Multi-Mode Single Channel LC Fiber to SDI converter, with dual SDI outputs
- FiDO-2T: Dual Channel SDI to LC Fiber converter
- FiDO-2T-MM: Multi-Mode Dual Channel SDI to LC Fiber converter
- FiDO-2R: Dual Channel LC Fiber to SDI converter
- FiDO-2R-MM: Multi-Mode Dual Channel LC Fiber to SDI converter

Accessories:

- DWP-U-R1: Power supply included
- Rackmount bracket

FiDO Series Optical Fiber Extenders

FiDO-TR-12G

1-Channel 12G-SDI/LC Single Mode
LC Fiber Transceiver

- Duplex connection (LC connector)
- 12G/3G/HD/SD-SDI INPUT and OUTPUT
- Bidirectional, dual channel fiber
- Uses 5-20VDC power (DWP-U-R1 universal power supply included)
- Five year warranty



FiDO-T-12G

1-Channel 12G-SDI to Single Mode
LC Fiber Transmitter

- Simplex connection (LC connector)
- 12G/3G/HD/SD-SDI INPUT
- Reclocked loop through of SDI input
- Uses 5-20VDC power (DWP-U-R1 universal power supply included)
- Five year warranty



FiDO-R-12G

1-Channel Single Mode LC Fiber to
12G-SDI Receiver

- Simplex connection (LC connector)
- 12G/3G/HD/SD-SDI OUTPUT
- Second SDI output (DA: same signal)
- Dual, matching SDI outputs
- Uses 5-20VDC power (DWP-U-R1 universal power supply included)
- Five year warranty



FiDO-2T-12G

2-Channel 12G-SDI to Single Mode
LC Fiber Transmitter

- 2 simplex or 1 duplex connection (LC connector)
- 2 independent channels of 12G/3G/HD/SD-SDI INPUTS
- Both SDI-to-Fiber paths are completely independent
- Uses 5-20VDC power (DWP-U-R1 universal power supply included)
- Five year warranty



FiDO Series Optical Fiber Extenders

FiDO-2R-12G

2-Channel Single Mode LC Fiber to 12G-SDI Receiver

- 2 simplex or 1 duplex connection (LC connector)
- 2 independent channels of 12G/3G/HD/SD-SDI OUTPUTS
- Both Fiber-to-SDI paths are completely independent
- Uses 5-20VDC power (DWP-U-R1 universal power supply included)
- Five year warranty



FiDO-TR

1-Channel 3G-SDI/LC Single Mode LC Fiber Transceiver

- Duplex connection (LC connector)
- 3G/HD/SD-SDI INPUT and OUTPUT
- Bidirectional, dual channel fiber
- Uses 5-20VDC power (DWP-U-R1 universal power supply included)
- Five year warranty



FiDO-T

1-Channel 3G-SDI to Single Mode LC Fiber Transmitter

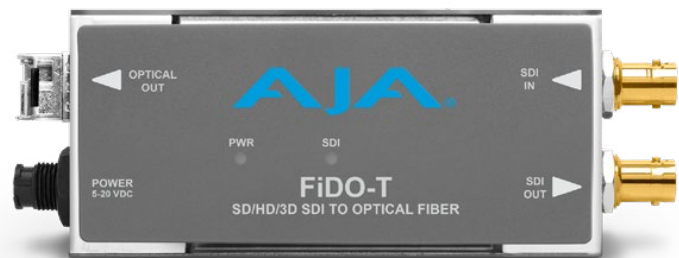
- Simplex connection (LC connector)
- 3G/HD/SD-SDI INPUT
- Looping SDI output
- Uses 5-20VDC power (DWP-U-R1 universal power supply included)
- Five year warranty



FiDO-T-MM

1-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter

- Simplex connection (LC connector)
- 3G/HD/SD-SDI INPUT
- Looping SDI output
- Uses 5-20VDC power (DWP-U-R1 universal power supply included)
- Five year warranty



FiDO Series Optical Fiber Extenders

FiDO-2T-MM

2-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter

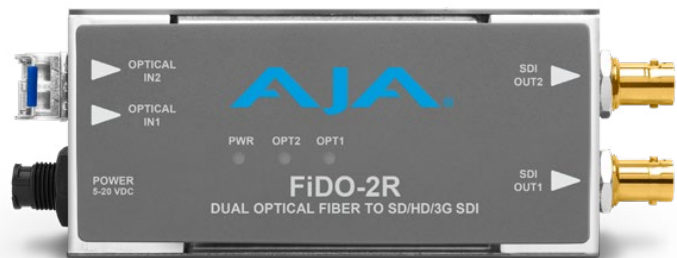
- Duplex connection (LC connector)
- Dual, independent 3G/HD/SD-SDI INPUTS
- Both SDI-to-Fiber paths are completely independent
- Uses 5-20VDC power (DWP-U-R1 universal power supply included)
- Five year warranty



FiDO-2R

2-Channel Single Mode LC Fiber to 3G-SDI Receiver

- Duplex connection (LC connector)
- Dual, independent 3G/HD/SD-SDI OUTPUTS
- Both Fiber-to-SDI paths are completely independent
- Uses 5-20VDC power (DWP-U-R1 universal power supply included)
- Five year warranty



FiDO-2R-MM

2-Channel Multi-Mode LC Fiber to 3G-SDI Receiver

- Duplex connection (LC connector)
- Dual, independent 3G/HD/SD-SDI OUTPUTS
- Both Fiber-to-SDI paths are completely independent
- Uses 5-20VDC power (DWP-U-R1 universal power supply included)
- Five year warranty

