

# Optical Fiber Converters



## FiDO

### Single, Dual, and Quad Channel SDI/Fiber Converters

FiDO SDI/Optical Fiber Mini-Converters allow the transport of 3G-SDI over distances up to 10km via standard single mode fiber optic cable. The compact, low profile enclosure is perfect for use in tight spaces such as equipment racks, trucks and crowded facilities. Choose from LC, ST, or SC connectors, depending on the converter model, for unmatched

flexibility and cost efficiency. FiDO Mini-Converters meet all relevant SMPTE specifications as well as offering electrical isolation to eliminate potential ground loop problems for a rugged, versatile solution that is suitable for a variety of applications.

Starting at  
**\$445** US MSRP\*

### Features:

- Transport of SDI, HD-SDI, and 3G HD-SDI over single mode optical fiber
- Autodetection of video format
- All SDI ancillary data including embedded audio is passed
- LC, ST OR SC fiber connectors
- Simplex, duplex or quad models available
- All inputs, either SDI or fiber, are equalized and reclocked
- ASI compatible
- Optional CWDM SFP modules
- Useful for eliminating ground loop problems
- DWP-U-R1 power supply included
- 5 year warranty

### Models:

- |               |   |                 |   |
|---------------|---|-----------------|---|
| • FiDO-4R:    | Quad Channel LC Fiber to SDI converter                            | • FiDO-R-SC:    | Single Channel SC Fiber to SDI converter, with dual SDI outputs   |
| • FiDO-4T:    | Quad Channel SDI to LC Fiber converter                            | • FiDO-T-SC:    | Single Channel SDI to SC Fiber converter, with looping SDI output |
| • FiDO-4R-ST: | Quad Channel ST Fiber to SDI converter                            | • FiDO-R-ST:    | Single Channel ST Fiber to SDI converter, with dual SDI outputs   |
| • FiDO-4T-ST: | Quad Channel SDI to ST Fiber converter                            | • FiDO-T-ST:    | Single Channel SDI to ST Fiber converter, with looping SDI output |
| • FiDO-2R:    | Dual Channel LC Fiber to SDI converter                            | • FiDO-TR:      | SDI/LC Fiber transceiver  |
| • FiDO-2T:    | Dual Channel SDI to LC Fiber converter                            | • FiDO-4T-CWDM: | Quad Channel SDI to LC Fiber converter for CWDM *                 |
| • FiDO-R:     | Single Channel LC Fiber to SDI converter, with dual SDI outputs   | • FiDO-2T-CWDM: | Dual Channel SDI to LC Fiber converter for CWDM *                 |
| • FiDO-T:     | Single Channel SDI to LC Fiber converter, with looping SDI output |                 |   |

\*CWDM SFP modules purchased separately

### Accessories:

- DWP-U-R1: Power supply included
- Rackmount bracket
- 4 pin XLR power cable

# Optical Fiber Converters

## FiDO-4R

### Quad Channel LC Optical Fiber to 3G-SDI

- 4 simplex or 2 duplex input connections (LC connector)
- 4 independent channels of SDI, HD-SDI, or 3G SDI
- 4K/UltraHD SDI over 4 fiber links
- Uses 5-20VDC power (DWP-U-R1 universal power supply included)
- 5 year warranty

**\$1495** US MSRP\*



## FiDO-4T

### Quad Channel 3G-SDI to LC Optical Fiber

- 4 simplex or 2 duplex output connections (LC connector)
- 4 independent channels of SDI, HD-SDI, or 3G SDI
- 4K/UltraHD SDI over 4 fiber links
- Uses 5-20VDC power (DWP-U-R1 universal power supply included)
- 5 year warranty

**\$1495** US MSRP\*



## FiDO-4R-ST

### Quad Channel ST Optical Fiber to 3G-SDI

- 4 simplex connection (ST connector)
- 4 independent channels of SDI, HD-SDI, or 3G SDI
- 4K/UltraHD SDI over 4 fiber links
- Uses 5-20VDC power (DWP-U-R1 universal power supply included)
- 5 year warranty

**\$1495** US MSRP\*



## FiDO-4T-ST

### Quad Channel 3G-SDI to ST Optical Fiber

- 4 SDI, HD-SDI or 3G Input
- 4 simplex connection (ST connector)
- 4 Independent channels of SDI, HD-SDI, or 3G SDI
- 4K/UltraHD SDI over 4 fiber links
- Uses 5-20VDC power (DWP-U-R1 universal power supply included)
- 5 year warranty

**\$1495** US MSRP\*



# Optical Fiber Converters

## FiDO-2R

### Dual Channel LC Fiber to SDI Converter

- 2 simplex or 1 duplex connection (LC connector)
- 2 independent channels of SDI, HD-SDI or 3G

**\$645** US MSRP\*



## FiDO-2T

### Dual Channel SDI to LC Fiber Converter

- 2 simplex or 1 duplex connection (LC connector)
- 2 independent channels of SDI, HD-SDI or 3G

**\$645** US MSRP\*



## FiDO-R

### Single Channel LC Fiber to SDI Converter, with Dual SDI Outputs

- Simplex connection (LC connector)
- SDI, HD-SDI or 3G output
- Second SDI output (DA: same signal)

**\$445** US MSRP\*



## FiDO-T

### Single Channel SDI to LC Fiber Converter, with Looping SDI Output

- Simplex connection (LC connector)
- SDI, HD-SDI or 3G input
- Reclocked loop through of SDI input

**\$445** US MSRP\*





# Optical Fiber Converters

## FiDO-R-SC

Single Channel SC Fiber to SDI Converter, with Dual SDI Outputs

- 2 simplex or 1 duplex connection (LC connector)
- SDI, HD-SDI or 3G output
- Second SDI output (DA: same signal)

**\$445** US MSRP\*



## FiDO-T-SC

Single Channel SDI to SC Fiber Converter, with Looping SDI Output

- Simplex connection (SC connector)
- SDI, HD-SDI or 3G input
- Reclocked loop through of SDI input

**\$445** US MSRP\*



## FiDO-R-ST

Single Channel ST Fiber to SDI Converter, with Dual SDI Outputs

- Simplex connection (ST connector)
- SDI, HD-SDI or 3G output
- Second SDI output (DA: same signal)

**\$445** US MSRP\*



## FiDO-T-ST

Single Channel SDI to ST Fiber Converter, with Looping SDI Output

- Simplex connection (ST connector)
- SDI, HD-SDI or 3G input
- Reclocked loop through of SDI input

**\$445** US MSRP\*



# Optical Fiber Converters

## FiDO-TR

### SDI/LC Fiber Transceiver

- Duplex connection (LC connector)
- SDI, HD-SDI or 3G input and output
- Bidirectional, dual channel fiber

**\$645** US MSRP\*



## FiDO-4T-X

### Quad Channel SDI to LC Fiber Converter for CWDM

- 4 simplex or 2 duplex connections (LC connector)
- 4 independent channels of SDI, HD-SDI or 3G SDI
- 4K/UltraHD SDI over 4 fiber links
- Choose from 9 pairs of CWDM wavelengths

**\$1295** US MSRP\*

**Note:** SFP modules are NOT included in purchase price.



## FiDO-2T-X

### Dual Channel SDI to LC Fiber Converter for CWDM

- 2 simplex or 1 duplex connection (LC connector)
- 2 independent channels of SDI, HD-SDI or 3G SDI
- Choose from 9 pairs of CWDM wavelengths

**\$545** US MSRP\*

**Note:** SFP modules are NOT included in purchase price.



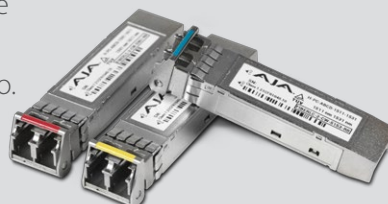
## CWDM SFP Modules

### Dual Channel LC Fiber Transmitters

Configure at time of purchase with one of the available CWDM SFP modules. See the Wavelength chart for more info.

**\$695** US MSRP\*

A convenient SFP configurator can be found at [www.aja.com/config](http://www.aja.com/config)



#### Wavelength 1

1271 nm  
1311 nm  
1351 nm  
1391 nm  
1431 nm  
1471 nm  
1511 nm  
1551 nm  
1591 nm

#### Wavelength 2

1291 nm  
1331 nm  
1371 nm  
1411 nm  
1451 nm  
1491 nm  
1531 nm  
1571 nm  
1611 nm