



FiDO-2T

FiDO-2T offers unmatched flexibility and cost efficiency for SDI-Fiber conversion, allowing for long cable runs up to 10 km (32,808 ft) with electrical isolation - useful for eliminating ground loop problems.

FiDO converters use a compact, low profile enclosure that works well in tight spaces around and behind equipment racks, trucks and on camera.

<https://www.aja.com/products/fido-2t>

Video Formats

- 150 Mbps - 3 Gbps, format agnostic

Video Input Digital

- 2-Channel independent 3G-SDI BNC Inputs, SMPTE-259/292/424

Video Output Digital

- 2-Channel independent Single Mode LC Fiber Outputs, SMPTE-297
 - Nominal Wavelength: 1310 nm
 - Optical Power: -5dBm (min), 0dBm (max)
 - Extinction Ratio: 7.5dB (Typ)

Reclock

- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
- All other rates are passed through and not reclocked

Size (w x d x h)

- 4.6" x 1.71" x 0.85" (117 x 43.5 x 21.6mm)

Weight

- 0.5 lb (0.3 kg)

Power

- 3 watts max
- Uses 5-20VDC power (AJA power supply model DWP-U-R1 included)

Environment

- Safe Operating Temperature: 0 to 40 C (32 to 104 F)
- Safe Storage Temperature (Power OFF): -40 to 60 C (-40 to 140 F)
- Operating Relative Humidity: 10-90% noncondensing
- Operating Altitude: <3,000 meters (<10,000 feet)