



OG-FiDO-2T-MM

The OG-FiDO-2T-MM offers unmatched flexibility and cost efficiency for 3G-SDI Fiber conversion, allowing for cable runs up to 700 m (2296 ft) for OM4 and 300 m (984 ft) for OM3 for Multi-Mode fiber optic cables - useful for eliminating ground loop problems.

Designed for use in high density openGear 2RU frames including AJA's OG-X-FR frame, new DashBoard software support on Windows®, macOS® and Linux® offers remote control and monitoring of the openGear architecture and provides convenient and industry standard configuration, monitoring and control options over a PC or local network.

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

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 Multi-Mode LC Fiber Outputs, SMPTE-297
- Nominal Wavelength: 850 nm
- Optical Power: -7dBm (min), -2dBm (max)
- Extinction Ratio: 7.5dB (Typ)

Reclocking

- 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

User Interface

- openGear DashBoard network control software via Windows, macOS or Linux

Size (w x d x h)

- openGear standard form factor, front slot and rear card. Two slots required for each card.

Weight

- 0.5 lb (0.3 kg)

Power

- openGear frame compatible, 2.5 watts max per card

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)