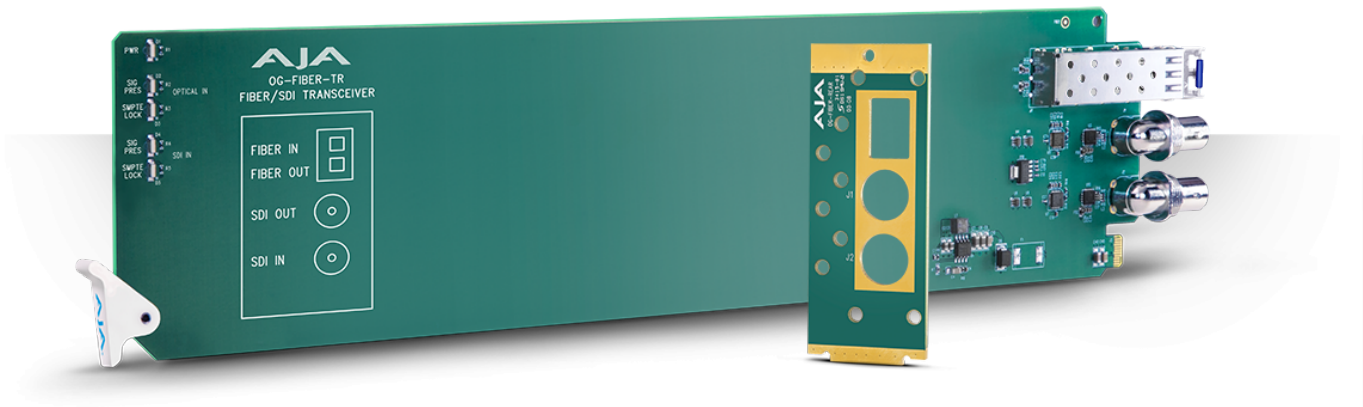

OG-FIBER-TR

OG-FIBER-TR has been discontinued.

$ US MSRP

Please click on openGear from the Products Menu and choose an updated Dashboard Compatible card for a current alternative.

The OG-FIBER-TR is a state of the art, openGear compatible 3G-SDI/Fiber transceiver. Both 3G-SDI to Fiber and Fiber to 3G-SDI conversions are supported.

openGear Mini-Converters offer unmatched flexibility and cost efficiency for 3G-SDI-Fiber conversion, allowing for long cable runs up to 10 km (32,808 ft) for Single-Mode.

https://www.aja.com/products/og-fiber-tr

Video Formats

- 100 Mbps - 3 Gbps, format agnostic

Video Input Digital

- 1-Channel independent 3G-SDI, SMPTE-259/292/424
- 1-Channel Single Mode LC Fiber connector, SMPTE-297
- Nominal Wavelength: 1310 nm
- Optical Sensitivity: -18dBm (min)
- Optical Power: -5dBm (min), 0dBm (max)
- Overload Power: -3dBm (min)
- Extinction Ratio: 7.5dB (Typ)

Video Output Digital

- 1-Channel independent 3G-SDI, SMPTE-259/292/424
- 1-Channel Single Mode LC Fiber connector, SMPTE-297
- Nominal Wavelength: 1310 nm
- Optical Sensitivity: -18dBm (min)
- Optical Power: -5dBm (min), 0dBm (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

Size (w x d x h)

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

Power

- openGear frame compatible, 2.5 watts max per card

Environment

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