

## Ocean Matrix OMX-3GSDI-FIBER 3GSDI to Fiber Optic Converter Extender

### Catch the Wave!

The Ocean Matrix OMX-3GSDI-FIBER fiber optic converter extender is an economic, space saving long haul transmission solution for broadcast infrastructure and IO panels. This extender transmits an 3G-SDI signal over an LC singlemode fiber optic cable with automatic cable equalization and reclocking at 270Mbps, 1.485Gbps, and 2.97Gbps, extending transmissions up to 6.2 miles.

A looping output at the transmitter monitors the signal prior to conversion as well as a mirrored output on the receiver making it ideal for live events, rental and staging, or building your broadcast infrastructure. LED lights indicate output format, SD, HD, or 3G.

#### INCLUDES

- 1 Transmitter and 12VDC/1A Power Supply
- 1 Receiver and 12VDC/1A Power Supply
- 2 LC Singlemode SFP Modules

#### FEATURES

- Accepts all SDI Formats: 3G-SDI, HD-SDI, SD-SDI
- Auto Source Format Detection (3G/HD/SD)
- Automatic Cable Equalization and Reclocking
- 1-Channel Video & Audio Transmission
- Extends Transmission up to 6.2 miles (10 km)
- Simplex LC SFP Module for Singlemode Fiber Cables
- Audio Format: up to 8 Channels, 24bit, 48KHz

#### SPECIFICATIONS

<b>Input</b>	1-SDI (BNC), 1-Fiber
<b>Output</b>	1-SDI (BNC), 1-Fiber
<b>Transmission Range</b>	Up to 6.2 miles (10km)
<b>Transition Rate</b>	270Mbps, 1.485Gbps, 2.97Gbps
<b>Power Supply</b>	12VDC/1A
<b>Resolutions</b>	• HD: 720p/50 & 60, 1080i/50 & 60, 1080p/24, 25, 30, 50 & 60 • SD D1 525i, 625i
<b>Dims (in)</b>	4.1x2.5x1.0in / 104x63.3x26mm
<b>Weight (lb)</b>	1 lb/0.45 kg
<b>Warranty</b>	1 Year



Manuf #/Web Page [OMX-3GSDI-FIBER](#)