Reversible Module
HDMI to Fiber
XVVRM-HDMI2FIBER

theatrixx

● Fiber —— (A) starting point

1 OpticalCON DUO   **2** OpticalCON QUAD
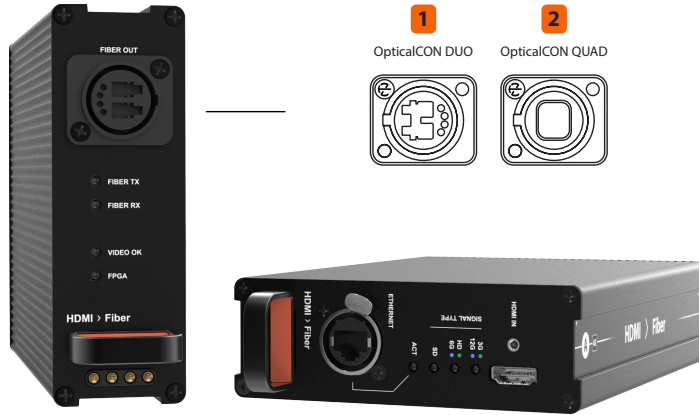
The HDMI to Fiber Reversible Module fits in the 8-Bay Reversible Rackmount Converter system.

The module can be inserted in the 8-Bay Frame in either direction, allowing the inputs/outputs to be positioned either at the front or the back of the unit depending on the application. There are no exposed PCBs as all modules are enclosed, and therefore protected against static shock, dust and general wear and tear. Gold-plated, redundant spring pins with magnetic retention deliver DC power to the modules, meaning no messy cabling and external power bricks are needed.

Specifications

Connections

Video Input	1 x HDMI 2.0 type A with locking system
Ethernet Port	1 x 1 Gbps Ethernet on Neutrik EtherCON
Video Output	1 x 10 Gbps Optical Ethernet, SFP-based Choice of Singlemode or Multimode Choice of Neutrik OpticalCON DUO or QUAD (see ordering information)

Supported Signals

HDMI 2.0 Input	All HDMI 2.0 formats including: 4K/60 8-bit 4:4:4, 4K/60 10-bit 4:2:2, High dynamic range (HDR10 & Dolby Vision)
Embedded Audio	Up to 8 channels, 24 bit, 192 kHz
Encoding Technology	SDVoE (NT1000-based)
Typical Latency	< 0.1 ms
Auxiliary Signals	1 Gbps Ethernet pass-thru

Physical Specifications

Height	121.5 mm (4.78 in)
Depth	225 mm (8.85 in)
Width	41 mm (1.61 in)

Weight	710 g (1.56 lbs)
Alternate Form Factor	Also available as a standalone converter

Environnemental Specifications

Relative Humidity	0% to 90% non-condensing
Operating Temperature	0-40 °C

Power Requirements

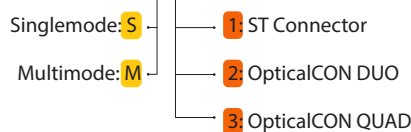|	
Power Supply	Reversible redundant power fed by XVVRF8 (8-Bay Rackmount Frame)
Power Consumption	20W
Voltage Range	12VDC

In the Box

Theatrixx Reversible Module HDMI to Fiber

Certifications & Compliance

This device complies with the following international standards

FC CE HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE 4K ULTRAHD SDVoE ALLIANCE

Ordering Information

XVVRM-HDMI2FIBER[ ][ ]...... Theatrixx Reversible Module HDMI to Fiber

Singlemode: **S** ┐   **1:** ST Connector
Multimode: **M** ┘   **2:** OpticalCON DUO
                          3: OpticalCON QUAD

XVVRF8 .... Theatrixx 8-Bay Reversible Frame

XVVRM-BLANK .... Theatrixx Blank Module