

## HDMI and HDCP Compliant Fiber Optical Input Board

Part No: 9112 0023 (LC), 9112 0025 (SC), 9112 0026 (NT)



### Features:

- Resolution up to 4K UHD at 30Hz, FullHD at 60Hz
- Built-in HDMI to fiber converter
- Selectable connectors: Neutrik OpticalCON, -LC, -SC, -ST
- Laser detect LED
- No video compression
- Zero frame delay
- Extension distance: 2500 m (1600 x 1200 @ 60Hz)

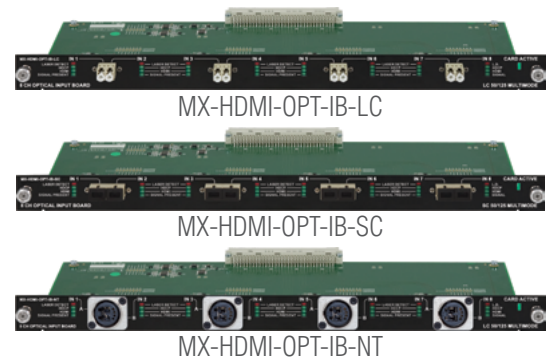
MX-HDMI-OPT-IB is an 8 channel fiber optical extension board for HDMI and DVI signals, extends up to 2500 m over a single fiber when using a compatible transmitter. An internal fiber to HDMI conversion adds no latency or frame delay and uses no video compression.

### Compatible products:

- Transmitters:  
DVI-OPT-TX110  
DVI-OPT-TX220-Pro  
HDMI-OPT-TX100  
HDMI-OPT-TX100R  
HDMI-OPT-TX200R

### Maximum extension distances

	OM1 (62.5/125)	OM2 (50/125)	OM3 (50/125)	OM4 (50/125)
1080p@60Hz 24 bpp	Not supported	600 m	1200 m	2500 m
1080p@60Hz 36 bpp	Not supported	400 m	800 m	1300 m



### Specifications

HDCP compliancy:	Yes
Max Resolution:	4096x2048@30Hz, 1920x1080@60Hz
Power consumption (3.3 V):	1.2 A (typical), 1.5 A (max.)
Power consumption (5 V):	0.3 A (typical), 0.3 A (max.)
Calculated AC Power (W):	7.8 W (typical), 9.2 W (max.)
Heat dissipation (BTU/h):	26 BTU/h (typ.), 31 BTU/h (max.)
Weight:	1350 g (LC, SC), 1500 g (NT)
Input connectors:	LC, SC, NT