

Fiber Blocker Secure 4K HDMI Diode

Fibernet's FiberBlocker Diode targets high-level secured environment by separating source and sink data flow while supporting up to 4K resolution. Such separation assures total galvanic isolation between the sink and source sides, including power supplies.

Unidirectional gatekeeping for video data enables information flow from the Source while physically disconnecting traffic from the Sink side.

All Fibernet's Fiber Blocker family are Certified by Israel's Department of Encryption & Cybersecurity



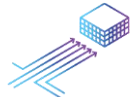
Applications:



Cybersecurity



Data Centers



Storage Area
Networks (SAN)



Communications
Rooms

Examples:

- Secure conference rooms
- Secure HDMI monitoring

Features:

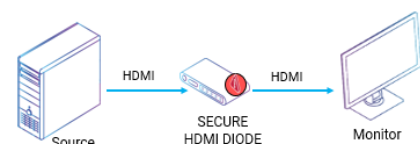
- Video and embedded audio transmission quality retained via non-compressed physical layer unidirectional HDMI.
- High-resolution video- up to 4K supported
- Optical and Galvanic separation including separate power supplies
- Auto detect EDID from the monitor device

Benefits:

- Easy installation
- No software required
- High performance results
- High level of separation between "Sink" and "Source"

Configurations:

- 12vDC power supply
- Both input & output HDMI video interface
- Auto detect EDID from the monitor device



Specifications:

Parameter	Value
Video Format	HDMI (No HDCP)
Resolution	Up to UHD: 2160x3840
Audio Sampling Rate	96Khz/48Khz/44Khz/32Khz
Video Connectors	HDMI 1.4
Optical connectors	SFP+ (any 10G SFP)
Input Power Requirements	12VDC
Maximum Power Consumption	15 Watt
Operating Temperature	0°C ~ +50°C
Storage Temperature	-20°C ~ +75°C
Operating Humidity	90% max, non-condensing
weight	450 gr'
Dimensions	165X100X34mm
Color	Black
Package weight	850 gr'
Package Dimensions	255x240x80mm

Ordering Information:

Part Number	Description
F-HDMIUS0/2	FIBERBLOCKER GALVANIC - 4K SECURE HDMI

Additional Accessories:

Part Number	Description
FIM-5U-SR	5U SUBRACK FOR EXTENDERS
FIM- HDMIUS0/2-ADP	SUBRACK ADPATER FOR 4K SECURE HDMI Diode

Notes:

*Each extender pair include AC/DC power adapter (2), AC power cable (2), Mounting brackets