



- HDMI Diode
- RÖS U2
- TEMPEST Level B
- One-way video for protected equipment
- Supports all presentation surfaces with HDMI

HDMI Diode TEMPEST Level B & RÖS U2

Description

The HDMI Diode protects sensitive systems by only allowing video and audio signals in one direction. By blocking direct access between the computer and peripherals, the risk of data leakage is eliminated.

Designed for environments with high security requirements - perfect for meeting rooms where shared equipment is used.

The HDMI Diode has an HDMI input and output. It supports Full HD (1920x1080, QHD (2560x1440) and 4K (3840x2160).

Security-enhancing features

- RÖS U2
- TEMPEST Level B SDIP-27
- Hardware blocking of two-way communication at multiple levels
- Only video and audio pass through the diode.
- Control for EDID-capture/erase.
- Security sealed upon delivery

Easy installation – how does it work?

- Connect the HDMI cable between the display and the diode.
- Hold down the EDID-capture control for 2 seconds (only during the initial installation).
- The user can now be 100% sure that the display and computer are completely isolated from each other

Features

- The source's DDC signals are separated from the DDC signals at the presentation surface.
- ARC, HEC and CEC signals are disconnected - both from the source and the presentation area.
- Easy to transfer EDID information from the desired presentation surface to the diode.
- Ability to delete the EDID information in the EEPROM of the diode if needed.

Technical data

I/O-ports	Description	Connector	Qty
HDMI in	HDMI copper 2.1	HDMI	1
HDMI out	HDMI copper 2.1	HDMI	1
Power supply	Description		
Operating voltage	5 VDC (included power adapter)		
Connector	DC plug		
Typical power consumption	4 W		
Maximum power consumption	5 W		
Mechanics and Environment	Description		
Dimensions	25,5 x 92 x 64 (HxWxD) mm		
Weight	300 g		
Operating temperature	0 °C to 40 °C, at 10–80 %RH relative humidity, non-condensing		
Storage temperature	-20 °C to 60 °C, at 10–90 %RH relative humidity, non-condensing		

Ordering information

Product	FBET	FBEN	Product number
HDMI Diode U2/LB			60-00-9155