

HDMI Over Fibre Extender

LKV378A

This HDMI extender applies HDbiT technology, to transmit HDMI signal over a single optical fibre cable up to 20 km. It supports IR pass-back function and the highest resolution supported is 1080P@60Hz..

Features

- Single mode fibre optic transmission.
- No need extra installation driver
- Transmit 1080p signal up to 20KM
- Support IR passes back for easy control
- Avoid the electromagnetic interference in environment for long distance transmission
- Low signal loss, wide frequency band and strong anti-interference
- High-end aluminium alloy enclosure design
- Wall-mountable design for convenient installation



Specifications

HDMI Signal	Full Compatible with HDCP
Transportation Protocol	HDbiT
Support Resolution	480i@60Hz,480p@60Hz,576i@50Hz,576p@50Hz,720p@50/60Hz,1080i@50/60Hz,1080p@50/60Hz
DDC Signal Voltage	5V p-p (TTL)
TMDS Bandwidth	10.2Gpbs
Central Wave Length	1310nm
Transmission Distance	1 ~ 20km
Link Loss	≤14dB
Output Light Power	≥ -11dBm
Receive Sensitivity	≤ -32dBm
Return Loss	15dB
IR Remote Control	Support 20-60KHz IR Remote Control
Power Supply	DC5V/2A *2pcs
Power Consumption	TX <4W RX <3.5W
Working Temperature	0°C ~ 60°C
Enclosure Material	Aluminum Alloy
Product Dimension (WxDxH)	138 x 81.5 x 24mm *2pcs
Weight	TX: 178g; RX: 177g
Colour	Black