

HDMI 2.0 Fiber Optical Extender

Data Sheet



Introduction

HDMI fiber extender is a device transmitting HD audio and video signal via bidirectional single fiber cable. It transmits your HD display with the high resolutions up to 20km. It supports IR, RS232 and KVM function. By using bidirectional single fiber LC interface, it has the characteristics of low cost and stable signal transmission. It can be used in security monitoring, high-definition signals between buildings, square large screens and other long-distance HDMI signal transmission fields.



Features

- Support HDMI 4K@60Hz/HDCP2.2;
- Support transmitter HDMI Loop out;
- Support 3.5mm stereo output;
- Support IR;
- Support KVM;
- Support RS232;
- Comply with SFP MSA and SFF-8472 standard protocol;
- Pure hardware design, plug and play, do not need to install additional software;
- Support 4K to 1080P resolution (Downscaling).

Specifications

HDMI Version	4K@60Hz / HDCP2.2
HDMI resolution.....	The highest input resolution is 3840*2160@60Hz
Audio format	L-PCM
Fiber wavelength.....	1310nm; 1550nm
Fiber transmission distance.....	20km
The maximum operating current	1.5A/12V DC(TX), 1.2A/12V DC (RX)
Operating Temperature range	(-10℃ ~ +55℃)
Dimension (L x W x H)	106x106x17(mm)
Weight	TX:272.1g RX:273.1g