

HDMI 2.0 Single Optical Fiber Extender (LC Multi-mode) with IR and RS232



OV11HO-1FO-200

OV11-HH-1FO-200, it is HDMI 2.0 single fiber extender which can transmit HDMI 2.0 signal over single fiber without any compression at low cost. This enables common video extension installations to use high quality fiber optic transmission technology.

Small size is convenient for installation. Ultra-low power consumption makes user do not need to pay attention to heating problems. LC terminated fiber is easy to buy or terminated in the field. It can be used for the replacement of CAT cable HDMI extender specially in the EMI sensitive place.

Features

- Using only 1 LC fiber to transmit uncompressed 4K Ultra HD signal together with bi-directional IR and RS232.
- Support 18Gbps video bandwidth.
- HDMI2.0 & HDCP2.2 supported.
- Video resolution up to 4K@60Hz YUV4:4:4.
- Support HDR10 and HDR10+.
- Single fiber with LC connector (Up to 300M-500M).
- Audio formats support Dolby Atmos, TrueHD, Digital+, DTS X, HD Master Audio, HD High Resolution Audio, PCM2-8CM.
- Low EMI.
- Small size and easy installation.
- Can be powered by USB port.



Optical

- Optical source: VCSEL
- Fiber: 1 core LC, OM3/OM4/OM5
- Distance:
 - OM3-300 Meter (984ft)
 - OM4-400 Meter (1312ft)
 - OM5-500 Meter (1640ft)

Package

- TX x 1
- RX x 1
- 5V power adapter x 2
- USB type-c cable x 2
- IR receiver cable x 1
- IR emitter cable x 1
- Phoenix terminal(male) x 2
- Mounting bracket with screw

Application



Specification

	Transmitter	Receiver
HDMI compliance	HDMI 2.0	
HDCP	HDCP 2.2/1.4	
Video Bandwidth	18Gbps	
Distance	OM3:300 Meter(984ft) OM4:400 Meter(1312ft) OM5:500 Meter(1640ft)	
Supporting Resolution	4Kx2K@60HZ(4:4:4 8bit)	
Connector/Fiber	HDMI-A 19 Pin (male)/ LC	
ESD Protection	Human body model-±8KV(air-gap discharge) &±4KV(contact discharge)	
Power Supply	5V/2A	
Power Consumption	3W	3W
Color	Black	Black
Dimension(LxWxH)	Model: 120x75x20 (mm)	Model: 120x75x20 (mm)
	Package: 270x150x85(mm)	
Weight	Model: 190g	Model: 190g
	Package: 750g	
Environment	Operating Temperature Range: 0°C~40°C Storage Temperature Range: -20°C~60°C	
Relative Humidity	20-90% RH (no condensation)	