

PT-HDOF-100

Single Mode Fiber HDMI Extender Set



Features

- ▶ 18Gbps (4K 60Hz 4:4:4) and HDCP 2.2 support with HDMI Loop out at TX
- ▶ Transmission of HDMI via simplex single mode LC fiber upto 10000m
- ▶ Analog audio embedding at transmitter and de-embedding at receiver
- ▶ Bidirectional IR and RS232 pass through
- ▶ EDID management

Technical Data

PT-HDOF-100 Transmitter

Input / Output	
Input	1x HDMI, 1x LINE IN (3.5mm Jack), 1x IR IN (3.5mm Jack), 1x RS-232 (3pin 3.81mm Phoenix connector), 1x SERVICE (Micro USB)
Output	1x HDMI, 1x Simplex Optical Fiber (LC), 1x IR OUT (3.5mm Jack)

Control

IR Frequency	20KHz-60KHz
RS-232 Baud Rate	4800-115200bps

Technical Data

Transmission Mode	Single mode optical transmission
Transmission Distance	Up to 10 km
HDMI Standard	HDMI 2.0b, HDCP2.2
Max. Resolution	4K @60Hz RGB, YCbCr 4:4:4/4:2:2, YUV 4:2:0
Colour Depth	8-bit, 10-bit, 12-bit
Colour Space	RGB, YCbCr 4:4:4, YUV 4:4:4, YCbCr, 4:2:2/4:2:0
HDMI Audio Format supported	LPCM2/5.1/7.1CH, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
Bandwidth	594MHz/18Gbps
HDMI Standard	HDMI 2.0 / HDCP2.2

General

Product Dimensions	134mm (W) x 68mm (D) x 18mm (H)
Product Weight	280g
Housing Material	Steel
Colour	Black
Operation Temperature	0- 40°C
Storage Temperature	-20- 60°C
Relative Humidity	20% ~ 90%
Power Supply	DC 5V 1A
Power Consumption	3.85 W
Compliance	CE, FCC, RoHS, REACH, EMC, LVD

PT-HDOF-100 Receiver

Input / Output	
Input	1x Simplex Optical Fiber (LC), 1x IR OUT (3.5mm Jack), 1x SERVICE (Micro USB)
Output	1x HDMI, 1x AUDIO OUT(3.5mm Jack), 1x IR OUT (3.5mm Jack), 1x RS-232 (3pin 3.81mm Phoenix connector)

Control

IR Frequency	20KHz-60KHz
RS-232 Baud Rate	4800-115200bps

Technical Data

Transmission Mode	Single mode optical transmission
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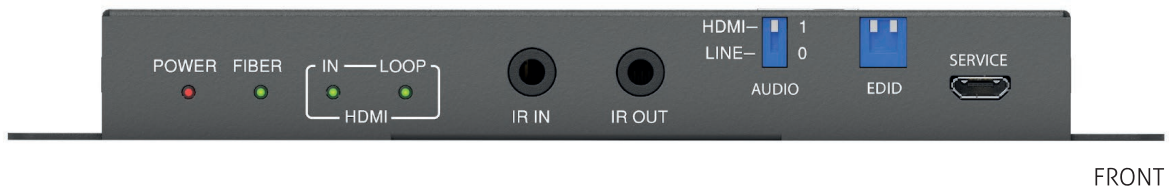
General

Product Dimensions	134mm (W) x 68mm (D) x 18mm (H)
Product Weight	278g
Housing Material	Steel
Colour	Black
Operation Temperature	0- 40°C
Storage Temperature	-20- 60°C
Relative Humidity	20% ~ 90%
Power Supply	DC 5V 1A
Power Consumption	2.7 W
Compliance	CE, FCC, RoHS, REACH, EMC, LVD

Product Overview

Art. No.	EAN
PT-HDOF-100	4251364736227

TRANSMITTER



RECEIVER



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