

ST-FOHD-SC50

Optical HDMI 1Ch Bi-directional Extender



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This optical HDMI Pigtail module extender is designed to let digital flat panel display extend over 300meters (980 feet) away from host based on HDMI standard by optical transmission technology.

It can transmit EDID data and HDCP over fiber in real time.

Feature

- High speed and long distance transmission by 1 channel SC type multi-mode optical fiber
- Supports resolution up to HDTV/1080P PC/WUXGA(1920 x 1200)
- TMDS video signal and EDID data is transmitted over optical fiber
- HDMI 1.3a and HDCP compliant
- Supports 12 bit Deep color
- Uses slim and light Aluminum case
- EMC & Safety : CE, UL, FCC

Specification

	Transmitter	Receiver
Connector	HDMI A type(Male) SC connector(Female)	
Optical fiber	1ch / Multi-mode	
Pixel clock	225MHz (Single link)	
Supporting Resolution & Distance	-WUXGA(1920x1200)@60Hz / 300M(1,000ft) -1080p(1920x1080)@60Hz / 300M(1,000ft)	
Power Consumption	1.3W(Max)	1.1W(Max)
Power Supply	Optional	100~240V DC 5V,2A
Dimension	3.33Wx1.31Dx0.46H inch (85x33x11 mm) with 8.5 inch (216 mm) male HDMI cable attached	
Environment	- Operating Temperature Range : 0°C ~ 50°C - Storage Temperature Range : -20°C ~ 70°C	

Optical

- Optical Source : 850nm VCSEL
- O/E Converter : PIN Photo Diode
- Optical fiber mode : Multi-mode optic fiber with SC type connector

Package

- Transmitter, Receiver
- 1 Power Adapter (for Receiver)
- User's Manual

Application

