



Extenders / HDMI

Optical HDMI 1Ch Bi-directional Extender



Extenders

HSP

HSP, optical HDMI Pigtail module extender, is designed to let digital flat panel display extend over 300meters(1,000feet) away from host based on HDMI standard by optical transmission technology.

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



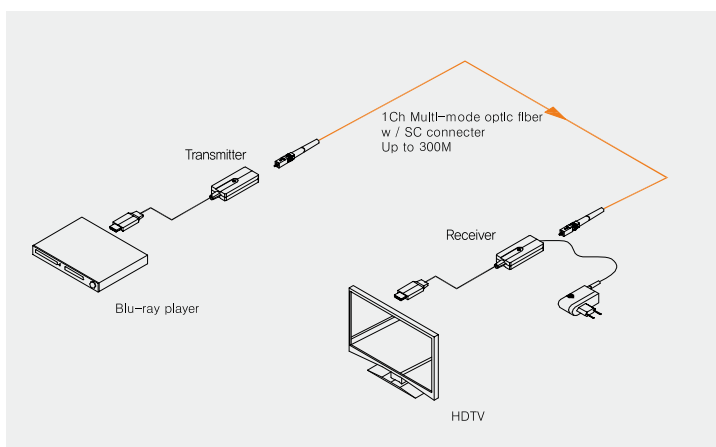
Feature

- 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	300W x 33D x 12H(mm)	
Environment	- Operating Temperature Range : 0°C ~50°C - Storage Temperature Range : -20°C ~ 70°C	

Application



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

Ordering Information

HSP-Axxx

- Model name
 - SC type optical cable length
 - 050 = 50meters
 - 100 = 100meters
 - ...
 - 300 = 300meters
 - Type
 - A : Full set including Tx, Rx
1 Power adapter and optical cable
 - M : Tx, Rx and 1 power adapter only
(excluding of optical cable)

Converters

Splitters

Matrix switchers

Optic fibers