Extenders / DisplayPort

Optical DisplayPort 1Ch Extender



DSFP

DSFP, optical DisplayPort Pigtail module extender, is designed to let your display device extend up to 1,000 meters(3,300feet) away from host based on Displayport standard by single strand optic fiber.

Feature

- High Speed and long distance transmission by optical system
- Compatible with DisplayPort standard V1.1a
- Main-link video signal / AUX data and Hot Plug Detection signal is transmitted by 1ch multi-mode fiber
- DPCD compliant
- HDCP compliant
- EMC & Safety : CE, FCC

Specification

	Transmitter	Receiver
Connector	DisplayPort 20pin (Male) SC connector (Female)	
Optic fiber	1ch / Multi-mode	
Video Bandwidth	10.8Gbs	
Supporting Resolution & Distance	4K(3840x2160)@30Hz / 1,000M(3,300ft)	
Power Consumption	1.3W(Max)	1.3W(Max)
Power supply	100~240V DC 5V, 2A	100~240V DC 5V, 2A
Dimension	300W x 33D x 12H(mm)	
Enviroment	- Operating Temperature Range : 0℃ ~50℃ - Storage Temperature Range : -20℃ ~ 70℃	

Optical

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

Package

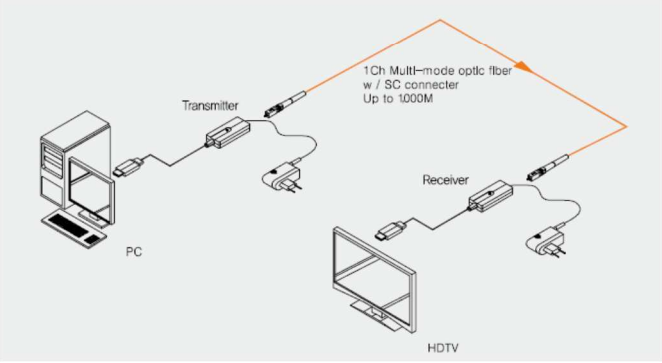
- Transmitter, Receiver
- 2 Power Adapters
- User's manual

Ordering Information

DSFP-Axxx

- Model name
- SC type optical cable length
  - 050 = 50meters
  - 100 = 100meters
  - 000 = 1000meters
- Type
  - A : Full set including of Tx,Rx 2 power adapters and optical cable
  - M : Tx.Rx and 2 power adapters only (excluding of optical cable)

Application



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