

Optical DVI 4Ch Extender



DDL

OPHIT's DDL with fiber optical cable system let your digital flat panel display extend up 1000meters(3,300 feet) away from host by TMDS digital signal transmission.

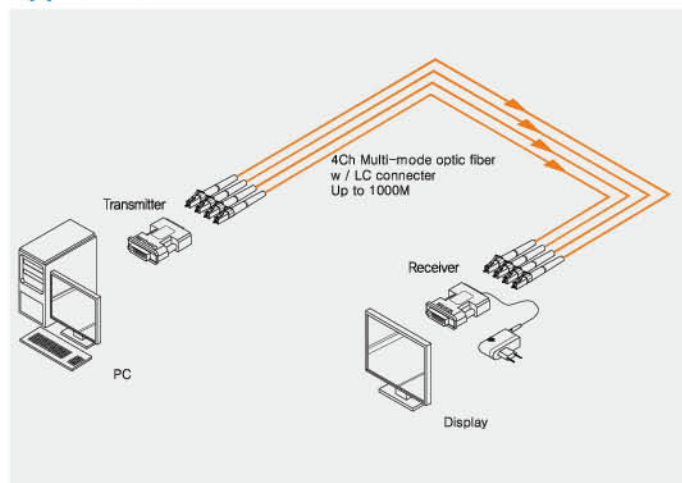
Feature

- High Speed and long distance transmission by 4 channel LC type multi-mode optical fiber
- R,G,B,Clock signal is transmitted seperately by multi mode optical fiber
- Support up to WUXGA (1920 x 1200) and 1080p (1920 x 1080)
- Self detecting function for EDID information
- Optional external power supply (Automatic power switch is included)
- EMI & Safety : CE, UL, FCC

Specification

	Transmitter	Receiver
Connector	DVI 24Pin (Male)	LC connector (Female)
Optical fiber	4ch / Multi-mode	
Video Bandwidth	1.65Gbps (Single link)	
Supporting Resolution & Distance	- WUXGA(1920 x 1200) / 500M(1,650ft) - UXGA(1600 x 1200) / 700M(2,300ft) - SXGA(1280 x 1024) / 1000M(3,300ft)	
Power Consumption	0.65W(Max)	1.15 W(Max)
Power Supply	Optional	100~240V DC 5V,2A
Dimension	40W x 70D x 15H(mm)	
Enviroment	- 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
- Using Fiber : Multi-mode optical fiber (LC Type Connector)

Package

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

Ordering Information

DDL-Axxx-X

- Model name
- Pseudo-DDC function
 - Maximum Resolution for DDC check
 - O : No DDX check
 - U : UXGA
 - G : SVGA
 - W : WUXGA
 - S : SXGA
 - A : VGA
 - SC type optical cable length
 - 050 = 50meters
 - 100 = 100meters
 - 300 = 300meters
 - 500 = 500meters
 - Type
 - A : Full set including of Tx, Rx Adapter and cable for outdoor
 - B : Full set including of Tx, Rx Adapter and cable for indoor
 - M : Tx, Rx and 1 power Adapter
 - L : 4core LC Fiber for outdoor(50/125)
 - N : 4core LC Fiber for indoor(50/125)

