

Cableados y Conexiones S.L.

Extenders / DVI

Optical DVI 4Ch Extender



DDL

OPHIT's DDL with fiber optical cable system let your digital flat panel display extend up 1,000meters(3,300 feet) away from host by TMDS digital signal transmission.

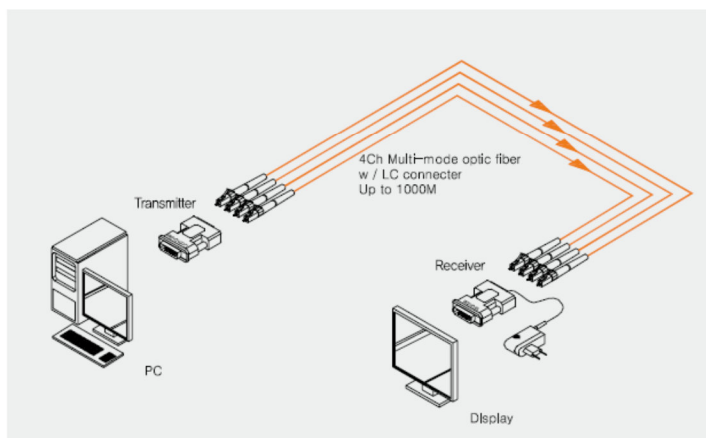
Feature

- High Speed and long distance transmission by 4 channel LC type multi-mode optical fiber
- R,G,B,Clock signal is transmitted separately over optical fiber
- Support up to WUXGA (1920 x 1200) and 1080p (1920 x 1080)
- Self detecting function for EDID information
- EMC & Safety : CE, UL, FCC

Specification

	Transmitter	Receiver
Connector	DVI-D (Male) LC connector (Female)	
Optical fiber	4ch / Multi-mode	
Pixel clock	165MHz (Single link)	
Supporting Resolution & Distance	- WUXGA(1920 x 1200)@60Hz / 500M(1,650ft) - 1080p(1920 x 1080)@60Hz / 500M(1,650ft)	
Power Consumption	0.65W(Max)	1.15 W(Max)
Power Supply	Optional	100~240V DC 5V,2A
Dimension	40W x 70D x 15H(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 LC type connector

Package

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

Ordering Information

DDL-Axxx

Model name

LC type optical cable length
050 = 50meters
100 = 100meters
000 = 1,000meters

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 1power Adapter
- L : 4core LC Fiber for outdoor(50/125)
- N : 4core LC Fiber for indoor(50/125)

