



Extenders / DVI

Optical DVI 4Ch Extender



Extenders



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.

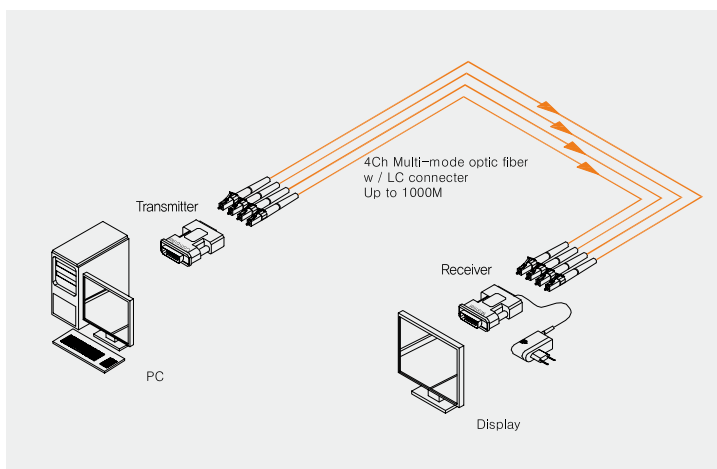
Feature

- High Speed and long distance transmission by 4 channel LC type multi-mode optical fiber
- R,G,B,Clock signal is transmitted seperately 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) | |
| 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
- 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)



Converters

Splitters

Matrix switchers

Optic fibers