



DOL

DOL, Optical DVI extension module, is designed to let digital flat panel display extend over 300meters(1,000ft) away from host based on DVI Standard by optical transmission.

It can transmit EDID data and HDCP over fiber in real time. DOL can be used with HDMI standard devices such as Blu-ray player, PS-3 as well as DVI devices.

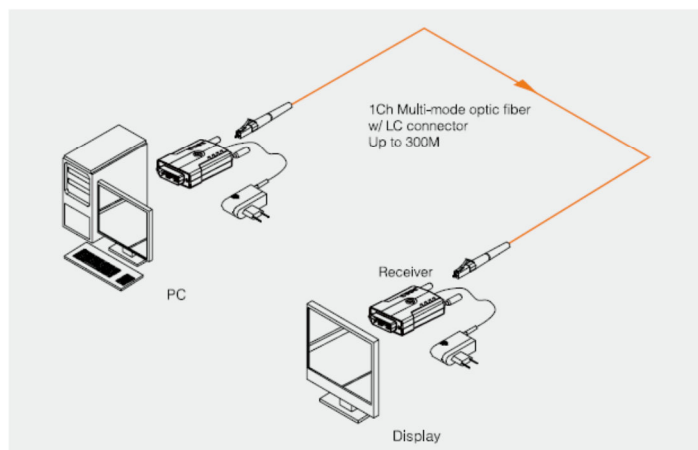
Feature

- High speed and long distance transmission by 1channel LC type multi mode optical fiber
- TMDS video signal and EDID data is transmitted over optical fiber
- Extend up to 300m
- DVI 1.0 compliant
- HDCP Compliant
- Maximum resolution WUXGA or 1080P(12bit Deep Color)
- EMC & Safety : CE, FCC

Specification

	Transmitter	Receiver
Connector	DVI-D (Male) LC connector (Female)	
Optical fiber	1ch / Multi-mode	
Pixel clock	225MHz (Single link)	
Supporting Resolution & Distance	-WUXGA(1920 x 1200)@60Hz / 300M(1,000ft) -1080p(1920 x 1080)@60Hz / 300M(1,000ft)	
Power Consumption	2.5W(Max)	2.0W(Max)
Power supply	100~240V DC 5V,2A	100~240V DC 5V,2A
Dimension	82W x 41D x 15H(mm)	
Environment	- Operating Temperature : 0°C ~ 50°C - Storage Temperature : -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
- 2 Power Adapters
- User's manual

Ordering Information

DOL-Axxx

- Model name
- LC type optical cable length
 - 050 = 50meters
 - 100 = 100meters
 - 300 = 300meters
- Type
 - A : Full set including of Tx,Rx 2 power adapters and optical cable
 - M : Tx,Rx and 2 power adapter only (excluding of optical cable)

