



Extenders / DVI

# Optical DVI Dual link 7Ch Extender



Extenders



## DQL

OPHIT's DQL with fiber optical cable system let your Dual digital flat panel display extend up to 100 meters (330 feet) away from host by TMDS digital signal transmission.

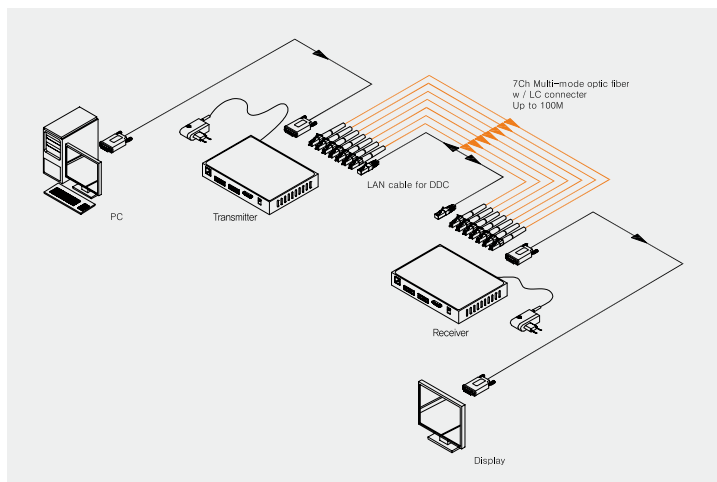
### Feature

- High speed and long distance transmission by 7 channel LC type multi-mode optical fiber
- Extend up to 100meters(330ft)
- Self EDID detecting function for EDID information.
- Supports Single link and Dual link by selectable function switch
- It can support two mode for DDC
  - Real mode : Uses one CAT-5 cable for DDC
  - Emulation : Pseudo-DDC detection function for EDID information(No need of CAT-5 Connection)
- EMC & Safety : CE, FCC

### Specification

	Transmitter	Receiver
Connector	DVI-I (Female) LC connector (Female) RJ-45 Jack (Female)	
Optical fiber	7ch / Multi-mode	
Video Bandwidth (Pixel clock)	Single link(Max 225Mhz) / Dual link	
Supporting Resolution & Distance	-WQXGA(2560 x 1600)@60Hz / 100M(330ft)	
Power Consumption	Single link : 1.0W(Max) Dual link : 1.4W(Max)	2.5 W(Max)
Power Supply	100~240V DC 5V,2A	100~240V DC 5V,2A
Dimension	180W x 90D x 30H(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
- 2 Power Adapters
- User's Manual

### Ordering Information

## DQL-Axxx

Model name

LC type optical cable length  
 010 = 10meters  
 020 = 20meters  
 100 = 100meters

Type

- A : Full set including of Tx, Rx 1power adapter and optical cable
- M : Tx, Rx and 1 power adapter only (excluding of optical cable)



Converters

Splitters

Matrix switchers

Optic fibers