



DVI fiber optic 1ch extender



DSK

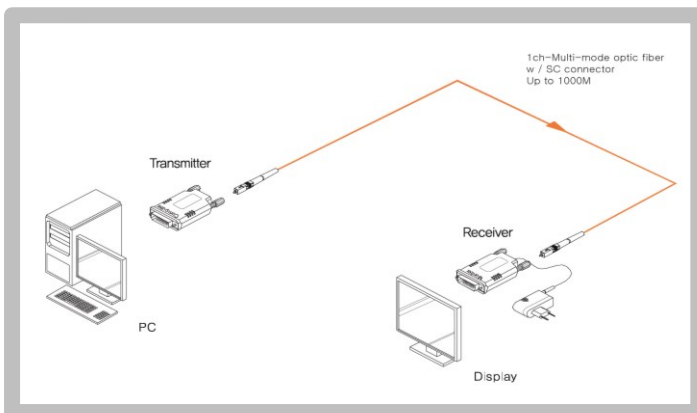
DSK, optical DVI extension module, is designed to let digital flat panel display extend over 1000 meters away from host based on DVI standard by optical transmission technology. Its small package and pseudo DDC detect function and Self-EDID detect function to use standard SC fiber connector allow users to install and utilize the device conveniently.

- Long distance transmission of digital graphic signal corresponding to T.M.D.S -over 1000 meter(3,300ft) by multi-mode one fiber.
- R, G, B, Clock signal is transmitted separately by one multi-mode optical fiber.
- Optional external power supply for Transmitter(Automatic power switch is included.)
- EMI & Safety : CE, FCC, UL

Specification

	Transmitter	Receiver
Signal	DVI 1.0 standard	
Video Bandwidth	1.65 Gbps	
Supporting Resolution & Distance	WUXGA(1920x1200) 1,000M(3,300ft)	
Connector	DVI 24pin	
Power Consumption	0.8W(Typ)	0.6W(Typ)
Dimension	60W x 40D x 14H (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
- Using fiber : 1ch Multi-mode optical fiber (SC connector type - Female)

Package

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

Ordering Information

DSK-AXXX

Model name

1ch SC type optical cable length
 050 = 50meters
 100 = 100meters
 000 = 1000meters

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

