

**Optical DVI Extension System**

FPD111 Series with fibre optical cable system let your digital flat panel display extend up to 1000 meters (3,300 feet) away from host by TMDS digital signal transmission with only one Fibre.



**Application**

- Video wall System
- Large LED Sign Board
- Medical Imaging Equipment
- Airplane On-board Video System
- Home Theater
- TV Broadcast Station
- Auditorium
- Conference Room Video Equipment

**Advantage**

- High Speed and long distance transmission by SC type Multi-Mode One Fibre
- Corresponding to T.M.D.S. Signal (Signal Link)
- R.G.B. Clock Signal is transmitted by One multi-mode Optical Fibre
- Self Detecting function for EDID information

**Technical Specification**

Frequency Bandwidth  
Supporting Graphic Resolution:

Using Connector  
Power Consumption  
Optical Source  
Optical Receiver  
Using Fiber  
Operating Temperature Range  
Storage Temperature Range

1.65 Gbps (Single Link)  
WUXGA resolution (1920 x 1200) 300m (990ft)  
UXGA resolution (1600 x 1200) 500m (1,650ft)  
SXGA resolution (1280 x 1024) 700m (2,300ft)  
DVI 24Pin Plug and LC Connector  
TX 1.0Watt (Max), RX 1.0Watt (Max)  
850nm VCSEL  
PIN Photo Diode  
50 (62.5)/125 LC Multi-mode Fiber  
0 to 50 Degree Centigrade  
-20 to 70 Degrees Centigrade