

Long Distance DVI

Point-to-point fiber cable



PRODUCT OVERVIEW

Rev: 02/2006

The Digital Visual Interface is a low cost, high quality graphics interface between a host processor (PC) and a display panel. Monitor and PC can easily be separated over a long distance. Optical technology for this transmission stretches the performance beyond the limitations of copper.

The point-to-point fiber cable allows transmitting DVI signals up to 500 meters (1,560 feet).

TECHNICAL SPECIFICATIONS

- **In compliance with DVI standard**
Supports DVI 1.0 and DDC2B
- **Extension Cable**
500m (1560 feet) for SXGA (1280 x 1024) at 75 Hz display refresh rate.
For M1-100U UXGA at 60 Hz.
- **Graphical transmission bandwidth**
Supports SXGA at 75 Hz or 1.4Gbps bandwidth per graphical channel.
For M1-100U UXGA at 60 Hz or 1.65Gbps.
- **Mechanical specifications of Tx and Rx module**
Dimensions 31mm / 16mm / 78mm (W/H/D)
- **Recommended Operating Conditions**
Operating temperatur 0°C to 50°C
Storage temperatur -40°C to 85°C
Storage humidity 5% up to 95%
- **Other**
External supply voltage 5V, 300 mA

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Specifications are subject to minimal changes due to production and improvement of the product!