# ) DVI TRANSMISSION SYSTEM



# ) **EY-**S1-200-xx

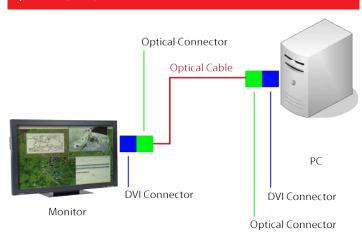
eyevis Accessories

Optical Extension Cable (Detachable Type)

# ) **DESCRIPTION**

eyevis' EY-S1-200-xx fibre optical cable system let your digital flat panel display extend up to 1000 metres (3,300Ft) away from host by TMDS digital signal transmission.

## ) APPLICATION



# ) PRODUCT PICTURE



## ) FEATURES

- ) High Speed and long distance transmission by LC type Multimode Fiber
- ) Corresponding to T.M.D.S signal
- ) The use of standard DVI plug and LC type fiber connector
- ) R,G,B,Clock signal is transmitted separately by multimode optical fiber
- ) Supports up to WUXGA (1920 x 1200) for HDTV
- ) Pseudo-DDC detection function for EDID information
- ) Optional external power supply
- ) Self detecting function for EDID information

#### ) TECHNICAL SPECIFICATIONS

Frequency Bandwidth	1,6 Gbps (single link)
Supporting Graphic Resolution & Distance	WUXGA resolution (1920 x 1200) 300M (984Ft) UXGA resolution (1600 x 1200) 500M (1,650Ft) SXGA resolution (1280 x 1024) 700M (2,300Ft)
Using Connector	DVI Digital 24pin plug and LC type connector
Power Consumption	- Tx : 0.65W (Max) - Rx : 1.15W (Max)

#### ) Optical

Optical Source	850 nm VCSEL
O/E Converter	PIN Photo Diode
Using Fibre	50 / 125 LC type Multi-mode optical fibre

#### ) Environmental

Operating Temperature Range	0 – 50 °C
Storage Temperature Range	-20 − 70 °C



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