

) DVI TRANSMISSION SYSTEM



) EY-S1-200-xx

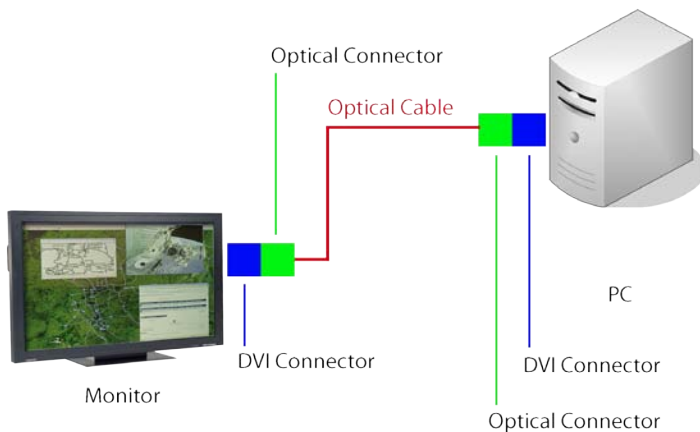
eyevis Accessories

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 Multi-mode 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