

## ) DVI TRANSMISSION SYSTEMS



eyevis Accessories

# ) EY-M1-100-XX

Optical Extension Cable  
(Fixed Type)

## ) DESCRIPTION

This unique fibre optical cable system let your digital monitor extend up to 300 meter (984 feet) away from host without any external power supply based on DVI standard.

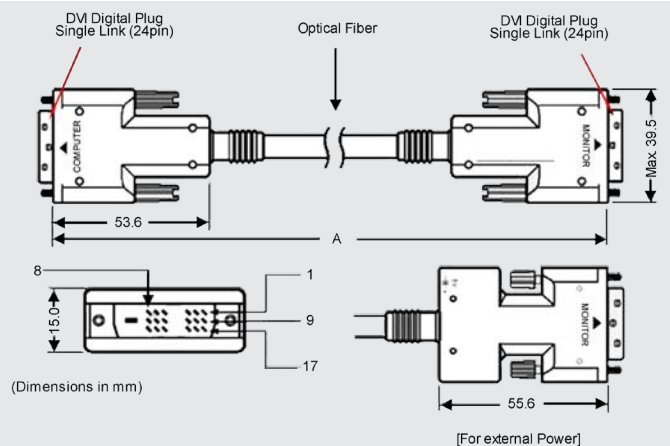
## ) FEATURES

- ) High Speed and long distance transmission by optical system
- ) Fully compatible with DVI standard by DDWG
- ) Use of standard DVI-D Plug
- ) Either external or internal power supply is possible. (External power supply is optional. Automatic power switch is included.)
- ) R,G,B,Clock signal is transmitted by optical fibre
- ) DDC signal and 5V power line is transmitted by copper line
- ) Optional fibre-only system without DDC function (pseudo DDC signal can be transmitted for EDID information.)
- ) No EMI characteristics for medical instruments and airplane
- ) Standard lengths: 10m, 20m, 30m, 50m and 100m, customised lengths up to 300m available on request !!!

## ) PRODUCT PICTURE



## ) DETAIL DRAWING



## ) TECHNICAL SPECIFICATIONS

Frequency Bandwidth	1,6 Gbps (single link)
Supporting Graphic Resolution & Distance	Type A: WUXGA (1920 x 1200) 60Hz -> 100 m (330 ft) Type B: WUXGA (1920 x 1200) 60Hz -> 300 m (984 ft) [no DCC function]
Using Connector	DVI Digital 24pin plug
Minimum Power Requirement from Computer	5V (0,5 A)

### Optical:

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

### Environmental:

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


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