

## PFML010 (Fiber Optic Video Transmission)

### Features

PFML010s are single channel fiber optic video transmitter / receiver units.

The units perform uncompressed Analog transmission of composite PAL/NTSC video signal over one optical fiber. Equipped with powerful Laser Diode coupled with the use of Single-mode fiber or Multimode fiber, these units are capable of sending high quality images for over 20km.

- Frequency Modulation (PFM)
- One way Video Transmission
- PAL/NTSC Supported
- Operating distance of over 20 km
- Cost effective



### Specifications

Items	Description
Method of transmission	PFM
Video Impedance	75 ohm (unbalanced)
Input/output level	1.0V peak to peak (PAL/NTSC)
Bandwidth	60Hz to 4.2MHz (±2.0dB)
Signal to noise ratio	42 dB (min)
Differential gain	4% (max)
Differential phase	4°(max)
Connector type	BNC
Optical output level/Wavelength	-14 dBm (min) Laser Diode/1310nm
Optical Fiber	Singlemode / Multimode
Receiver sensitivity	- 29 dBm (max) PIN-Photo Diode
Connector type	SC
Outside dimensions (mm)	40(W) x 109(H) x 150(D)
Operating temperature	0°C to 50°C
Humidity	20 to 80% (non-condensing)
Diagnostic	Optical/Video Status LED Indicators
Power requirement	+5 VDC
Weight	500g (max)

### Configurations(mm)

