

Polarizer Module

This small-sized module enables pick up of specific polarization conditions by making the polarized light pass-through.

Features

- High extinction ratio
- Low loss
- High reliability
- Small-sized
- Low price



Key Applications

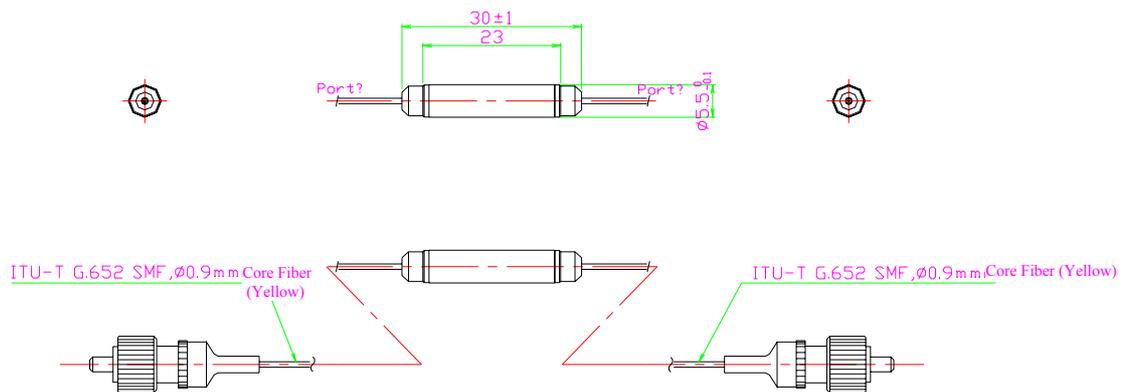
- Linear polarization stabilization for polarization dependent devices
- Correction of extinction ratio degradation

Typical Specifications

Model	POL
Insertion Loss	≤ 1.0 dB
Extinction Ratio	≥ 25 dB or 30 dB
Return Loss	≥ 50 dB
Optical Fiber	PMF ($\phi 0.9$ fibers)
Optical Connector	FC/SPC SC/SPC FC/Angled PC SC/Angled PC

*The polarization maintaining axis is parallel to the slow axis and the connector key.

Product Dimensions



Ordering Instructions

+Polarizer Module

Order format: **POL-** (1) - **P** / (2) - (3)

Order format example: PCA-15-P/F-S/F-30

(λ: 1510nm, Fiber: PMF, Connector: FC/SPC, Extinction ratio \geq 30dB)

(1) Wavelength	15: 1550 nm 13: 1310 nm
Optical Fiber	P: PMF (φ0.9 fibers)
(2) Optical Connector	F: FC/SPC S: SC/SPC FA: FC/Angled PC SA: SC/Angled PC
(3) Extinction Ratio	25: \leq 25 dB 30: \leq 30 dB

*The polarization maintaining axis is parallel to the connector key at the slow axis.