

488nm In-line Polarizer

Product Features

- High Extinction Ratio
- Low Insertion Loss
- High Return Loss

Product Applications

- Communication Systems
- Test Instrumentations
- Fiber Sensors
- Research

Specifications

Parameter	Unit	Value
Center Wavelength	nm	488nm
Operating Wavelength Range	nm	±5
Typ. Insertion Loss at 23°C	dB	1.5
Max. Insertion Loss at 23°C	dB	1.8
Min. Return loss (input/output)	dB	≥50/50
Typ. Extinction ratio at 23°C	dB	20
Min. Extinction ratio at 23°C	dB	18
Max. Optical Power (CW)	mW	50
Max. Peak Power for ns pulse	kW	1
Fiber Type (Input-output)	-	Option1:PM460-PM460 Option2:460-HP-PM460 Option3: 460-HP-460-HP
package dimensions	mm	51x13x12mm
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

* Above specifications are for devices without connectors

* IL is 1.5 dB higher, RL is 5 dB lower, ER is 2 dB lower and Optical Power is 1W only for each connector added.

* The PM fiber and the connector key are aligned to the slow axis

Ordering Information

ILP	Wavelength	Pigtail Type	Fiber Type On Port 1 & 2	Fiber Length	Connector
1x1	488nm Specify	250um bare fiber 900um loose tube	PMF—PMF SMF—PMF SMF—SMF	0.5m 1m 1.5m 2m	N=None FC/APC FC/UPC SC/APC SC/UPC LC/UPC