In-line Polarizer

(ILP Series)

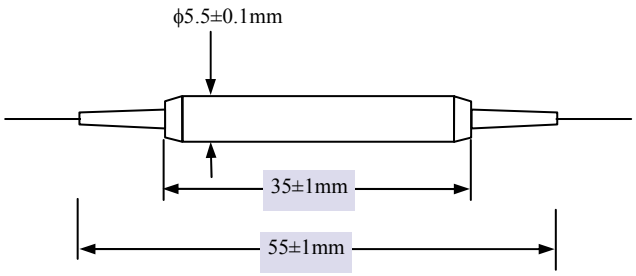
The In-line Polarizer is designed to pass light with one specific polarization while blocking the other polarization. It can be used to convert unpolarized light into polarized light with high extinction ratio. It can also be used to enhance the extinction ratio of signals with its excellent polarization properties. It is ideal for high speed communication systems and test instrumentations where high polarization extinction ratio are required.

Specifications

Parameters	Unit	Values
Center Wavelength	nm	1310, 1480 or 1550
Operating Wavelength Range	nm	± 50
Typ. Insertion Loss at 23°C	dB	0.3
Max. Insertion Loss at 23°C	dB	0.5
Typ. Extinction ratio at 23°C	dB	30
Min. Extinction ratio at 23°C	dB	28
Max. Optical Power (Continuous Wave)	mW	300
Min. Return loss	dB	50
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to + 85

1. Above specifications are for device without connector.
2. For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, and ER will be 2dB lower.

Dimension



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Ordering Information

ILP-①①-②-③-④-⑤

①①: Wavelength
31 - 1310nm
48 - 1480nm
55 - 1550nm
SS - Specify

②: Connector Type
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

③: PM Fiber Type
B - 250um Panda fiber
D - 400um Panda fiber
L - 900um loose tube
S - Specify

④: Fiber Type (input-output)
1 - PM-PM
2 - SMF-PM
3 - SMF - SMF

⑤: Fibre Length
Q - 0.75 m
S - Specify

Remark: The PM fiber and the connector key are aligned to the slow axis.

Contact Information

For more information about BATi's leadership in variable optical attenuation technology and other optical networking modules and components, visit our website at www.bostonati.com.

To obtain additional technical information or to place an order for this product, please contact us at:

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