1064nm In-Line Polarizer(ILP)

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Introduction

Rayzer's **In-Line Polarizer(ILP)** Series product, 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 instruments where high polarization extinction ratio is required.

Specification

Parameters	Unit	Values
Center Wavelength	nm	1064
Operating Wavelength Range	nm	±30
Typ. Insertion Loss	nm	0.4
Max. Insertion Loss	dB	0.6
@25℃Typ. Extinction Ratio	dB	30
@25℃Min. Extinction Ratio	dB	28
Min. Return Loss	dB	50
Handing Power	mW	300
Max. Tensile Load	N	5
Fiber Type	-	PM Panda Fiber or SM Fiber
Working Temperature	℃	-5 to +70
Storage Temperature	℃	-40 to +85
Package Dimension	mm	5.5x30/3.2x35

*IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

*Above specifications are for device without connector and may change without notice.

Ordering Information

ILP-①-②-③-④-⑤

①Central Wavelength	②Fiber Type	③Fiber Length	④Fiber Jacket	⑤Connector
1064-1064nm	PM980-PM980 all port	1-1M	0-Bare Fiber	FU-FC/PC
1310-1310nm	Hi1060-Hi1060 for all port	1.5-1.5M	1-900 μ m Loose Tube	FA-FC/APC
1550-1550nm	PM1550/SMF28e - PM1550input/SMF28e output	S-Specify	2-2mm Cable	S-Specify
S-Specify	S-Specify		3-3mm Cable	