

In-line Faraday Rotator

Features

Low insertion loss
High extinction ratio
High stability & Reliability

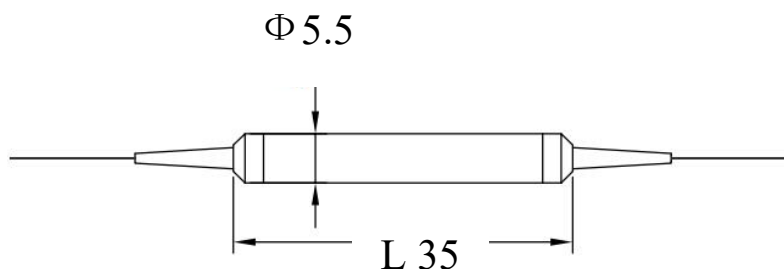
Applications

Fiber Amplifier
Fiber sensor
Fiber Laser Marking
Laboratory R&D

Parameter	In-line Faraday Rotator	Unit
Center wavelength	1310,1440,1550 or specify	nm
Operating bandwidth	± 15	nm
Insertion loss	≤ 0.5	dB
Extinction ratio	≥ 20	dB
Rotation angle	45 ± 1	degree
Return loss	≥ 50	dB
Fiber type	Option1: PM - PM Option2: SMF-28e - PM Option3: SMF-28e - SMF-28e	/
Operating temperature	$-5 \sim +70$	$^{\circ}\text{C}$
Storage temperature	$-40 \sim +85$	$^{\circ}\text{C}$
Dimensions	$\Phi 5.5 \times L35$	mm

* IL is 0.3dB (1310~1550nm) or 0.5dB (980~1064nm) higher, RL is 5dB lower and ER is 2dB lower for each connector added. The default connector key is aligned to slow axis.

Mechanical Dimension



Ordering Information

specification	GCILF
Package size	5.5×35 etc
Connector	FC/UPC, FC/APC etc.
Fiber code	Specify
Pigtail type	0=250 μm , 1=900 μm , 4=others
Operating Wavelength	1550nm etc.
Port Number:	1×1