

Pigtailed Isolator

(1310, 1510, 1550, 1590nm, CWDM wavelengths)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter	Unit	Value
Center Wavelength	nm	1310, or 1510, or 1550, or 1590, or CWDM wavelengths
Isolation (23°C, All SOP)	Typ. dB	40
Isolation ($\lambda \pm 20$ nm 23°C, All SOP)	Min dB	30
Insertion Loss (λ 23°C, All SOP)	Typ. dB	0.25
	Max dB	0.3
PDL	Max dB	0.15
PMD	Max ps	0.25
Return Loss	Min dB	50
Optical Power Handling	Max mW	300
Fiber Type		SMF-28 or equivalent, 900um buffer
Package Dimension	mm	$\Phi 2.8 \times L12$
Operating Temperature	°C	-5 to 70
Storage Temperature	°C	-40 to +85

* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & PDL.

* SOP=State Of Polarization

Ordering Information

Contact Hengyan Photonics with your custom configuration needs.

PFSI	Latching Type	Wavelength	Clear Aperture	Housing Length	Fiber Length	Connector
PFSI	L=Latching Type Garnet (Without Magnet Ring)	13=1310nm 51=1510nm 15=1550nm	05=0.5mm 09=0.9mm 12=1.2mm	10=10mm 14=14.4mm	10=1.0m 15=1.5m 20=2.0m 30=3.0m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC
	N=Non-latched type Garnet (with Magnet Ring)	159=1590nm	X=Others	X=Others	X=Others	X=Others
		X=Others				

Package Dimensions

Contact Hengyan Photonics with your requirements.