

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

Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Value	
Wavelength		nm	1310±20, or 1510±20, or 1550±20, or 1590±20, or CWDM wavelengths	
Isolation (All SOP)	(λ_c , 23°C)	Typ.	dB	40
	(23°C)	Min	dB	30
Insertion Loss (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		Φ2.8 x 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 Ascentta 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 159=1590nm	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)	X=Others	X=Others	X=Others	X=Others	
						X=Others

Package Dimensions

Contact Ascentta for all your custom design needs.