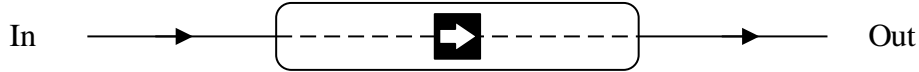


Product: Mini Folded Isolator (Reflect Type)

Part Number	Spec Number	Version	Date
FISOXXXXXXXXXXXX	S016	Rev 04	09/03/2023

1 Function Diagram



2 Specifications

2.1 Environment Conditions

Item	Parameters	Symbol	Min	Typ	Max	Units	Note
1.	Operating Temperature	Top	0		70	°C	
2.	Storage Temperature	Tstor	-40		85	°C	
3.	Operating Relative Humidity	RHop	5		95	%	[1]
4.	Storage Relative Humidity	RHstor	5		95	%	[1]

Note:

[1] Not to exceed industrial standard of 0.024 kg water per kg of dry air under non-condensing conditions.

2.2 Optical Specifications

Item	Parameters	Symbol	Min	Typ	Max	Units	Note
5.	Operating Wavelength	λ_{op}		1528 ~ 1568		nm	
6.	Insertion Loss @ λ_{op}	Single Stage	IL		0.8	dB	
7.	Isolation @ λ_{op}	Single Stage	ISO	18		dB	
8.	Polarization Dependent Loss	PDL			0.15	dB	
9.	Return Loss	RL	50			dB	
10.	Polarization Mode Dispersion	Single Stage	PMD		0.1	ps	G
11.	Optical Power	Pop			500	mW	G

Note:

*Above specifications are for device without connector. IL is 0.3 dB higher, RL is 5 dB lower after connector added.

G: Guaranteed by design.

2.3 Mechanical Specifications

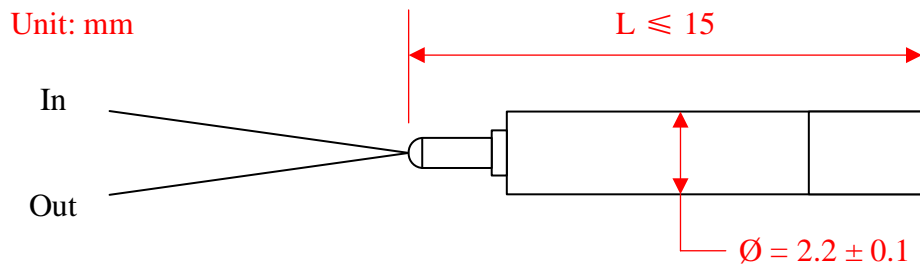
2.3.1 Specifications

Item	Parameters	Symbol	Min	Typ	Max	Units	Note
12.	Fiber Type			By PN			
13.	Fiber Length			By PN		m	
14.	Fiber Jacket			Bare fiber			
15.	Connector Type			By PN			
16.	Package Dimension			$\varnothing = 2.2 \pm 0.1 \times L \leq 15$		mm	
17.	Fiber Color	In		Black			[2]
		Out		Natural			

Note:

[2] Mark the bare fiber starting at 10~30cm away from the device body to fiber end.

2.3.2 Drawing



3 Device Label, Delivery Data

Triple-Stone standard format.

4 RoHS

RoHS compliant.

5 Ordering Information

