

SINGLE SIDE ISOLATOR

Single side Isolator device is $\Phi 1.8$ mm * L13 mm size with 2 ports fiber on one side. It is all glass assembly technology and optical path epoxy-free design. Such compact package enables to reduce the cost and save space.



FEATURES

- Compact design: $\Phi 1.8$ mm * L13 mm
- 2 ports fiber on one side
- Epoxy free in optical path
- RoHS compliant

APPLICATIONS

- EDFAs
- CATV Fiber Optics Link
- Fiber Optic Instruments
- Transmitters & Fiber Laser
- Amplifiers

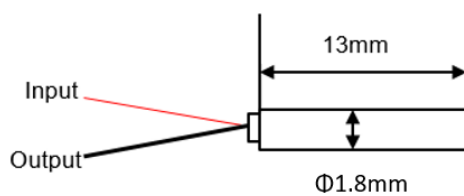
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Product Specification

Parameter		Min.	Typ.	Max.	unit
Operating Wavelength	λ	C band (1528~1569nm) or L band (1570~1610nm)			nm
Operating Center Wavelength	λ_c	C band: 1550nm L band: 1590nm			nm
Insertion Loss	IL			0.7	dB
Polarization Dependent Loss	PDL			0.15	dB
Isolation	ISO	18			dB
Return Loss	RL	50			dB
Polarization Mode Dispersion	PMD			0.1	ps
Operating Temperature		-5		75	°C
Storage Temperature		-40		85	°C
Packaging Dimensions		Mini size: $\Phi 1.8 \times L13$ Normal size: $\Phi 2.3 \times L13$			mm
Fiber Type (All ports)		ITU-T G.657.B3, 125/250 μm fiber or 80/165 μm fiber			
Fiber Length (All ports)		1.00 +/- 0.1 m			
Fiber Color Coding		Input: Red; Output: Black			

Product Dimensions

Dimensions in millimeters



Ordering Information

SISO - XXXX - X - X
A B C

A	Wavelength	1550 = C band 1590 = L band
B	Type	M = mini N = normal
C	Fiber Type	O = OFS81161 S = SM1500