

1064nm In-Line Isolator

Features

- Low Insertion Loss and high isolation
- Low PDL & PMD
- Optical path epoxy free
- Telcordia compliant
- RoHS compliant

Applications

- EDFA
- WDM system
- Fiber optic instruments



Specifications

Parameter		Specification		Unit
Center Wavelength (λ_c)		1064		nm
Standard		Standard Size		
Single/Dual Stage		Single Stage	Dual Stage	
Isolation (at $\lambda_c \pm 15\text{nm}$) 1	Min	25	45	dB
Insertion Loss (at λ_c) 1	Typ	1.8	3.5	dB
Insertion Loss (at $\lambda_c \pm 15\text{nm}$) 2	Max	2.5	4.5	dB
Return Loss (Input/Output)	Min	55/55	55/55	dB
PDL	Max	0.1	0.1	dB
Operating Temperature Range		0~+70		°C
Storage Temperature Range		-40~+85		°C
Maximum Power Handling		150		mW
Package Dimension (L* Φ)		40*5.5		mm

Order Guide

Single/Dual Stage	Grade	Standard/Mini Size	Fiber Type	Connector Type
S: Single stage without PMD	P: P-grade	31: 1310nm	1: 250 μm bare fiber	0: Without connector
D: Dual stage	A: A-grade	55: 1550nm	2: 900 μm tight buffer fiber	1: FC/PC
P: Single stage with PMD		59: 1590nm		2: FC/UPC
		64: 1064nm		3: FC/APC
				4: SC/PC
				5: SC/UPC
				6: SC/APC
				7: ST
				8: LC 9: MU
				X: Customized