

## Free Space Isolator

Auxora's free space isolator is used to minimize back reflection & scattering in the reverse direction, it is a low cost product with excellent performance including low IL, high isolation, 1310nm or 1550 nm wavelength range is optional.



### FEATURES

- Low insertion loss
- High isolation
- High stable & reliable
- Versatile package

### APPLICATIONS

- Optical transmitter and transceiver
- Laser diode packaging

### SPECIFICATIONS

Parameters	Unit	Value	
		Single Stage	Dual Stage
Operating Wavelength Range	nm	1310±15; 1500±15;	
Insertion Loss	dB	≤ 0.25	≤ 0.4
Peak Isolation (@23°C)	dB	≥ 38	≥ 55
Isolation (@-20~85°C)	dB	≥ 22	≥ 40
Maximum Power Handling	mW	300	
Operating Temperature	°C	-20 ~ 85	
Storage Temperature	°C	-40 ~ 85	

### Ordering Information: (e.g.AFSI-NS06031XXXX)

AFSI-	X	X	XXX	XX	XXXX
	Latching	Stage	CA	Wavelength Range	Package
	N=Non Latching	S=Single Stage	040=0.40mm	31=1310nm	0001=Φ2.5xL1.1
	L=Latching	D=Dual Stage	045=0.45mm	55=1550nm	0002=Φ2.5xL1.4
			050=0.50mm	XX= Customized	0003=Φ3.0xL1.4
			.....		0004=Φ2.5xL3.0
					0005=Φ3.0xL3.0
					XXXX=Customized