

フリースペース光アイソレータ
Free Space Isolator

Features

- High Isolation
- Low Insertion Loss
- Optical Path Epoxy Free
- Compact Size
- RoHS Compliant

Applications

- Optical Transmitter
- Fiber Laser
- Tunable Laser



Performance Specifications

(Standard) Single Stage


Parameter	Premium	A Grade
Operating Wavelength (nm)	1310, 1550 and CWDM wavelength	
Min. Isolation at Center Wavelength (dB)	42	40
Insertion Loss (Ic, 23°C) (dB)	≤ 0.20	≤ 0.25
Clear Aperture (mm)	≥ 0.90 or ≥ 0.80	
Tilt Angle of Input Light (°)	5	
Operating Temperature (°C)	-5 ~ +70	
Storage Temperature (°C)	-40 ~ +85	
Power Handling (mW)	300	

(Standard) Dual Stage

Parameter	Premium	A Grade
Operating Wavelength (nm)	1310, 1550 and CWDM wavelength	
Isolation at Center Wavelength (dB)	60	55
Insertion Loss (Ic, 23°C) (dB)	≤ 0.30	≤ 0.35
Clear Aperture (mm)	≥ 0.90 or ≥ 0.80	
Tilt Angle of Input Light (°)	5	
Operating Temperature (°C)	-5 ~ +70	
Storage Temperature (°C)	-40 ~ +85	
Power Handling (mW)	300	

Ordering Information

OSFSI

Type	Style	Grade	Wavelength	Clear Aperture	Size
S=Single Stage D=Dual Stage		P=Premium A=Grade A	13=1310nm 15=1550nm XX =Others	1=F0.90mm 2=F0.80mm 3=F0.70mm 5=F0.40mm X=Custom	01=F3.0x2.0mm 02=F3.0x2.5mm 03=F3.0x3.0mm 04=F2.5x1.4mm 05=F2.5x2.0mm 06=F2.5x2.5mm 07=F2.5x3.0mm 08=F2.1x1.25mm 09=2.5x2.5x2.0mm 10=2.5x2.5x3.0mm XX=Custom Size

* 詳細は、お手数ですがお問い合わせフォームにお願いします。

Contact your OSTenp representative for information on specifications and availability.

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