

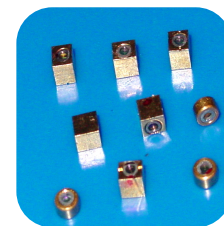
1040nm Free Space Optical Isolator

FEATURES

- High Isolation
- Low Insertion Loss
- Epoxy-Free Optical Path
- High Reliability and Stability
- Low Profile Packaging

APPLICATIONS

- Fiber Optic Amplifiers
- Fiber Optic Instruments
- WDM Systems
- Transmitters and Fiber Lasers
- CATV Networks



SPECIFICATIONS

Parameter	Unit	Single Stage	Dual Stage
Center Wavelength (λ_c)	nm	1040	
Bandwidth	nm	+/-10	
Peak Isolation (Typ.)	dB	28	50
Isolation (λ_c , 23°C)	dB	≥ 22	≥ 45
Typ. Insertion Loss (λ_c , 23°C)	dB	1.9	3.5
Max. Insertion Loss (λ_c , 23°C)	dB	2.4	4.0
Clear Aperture	mm	$\geq (\Phi)0.8$	
Maximum Optical Power (CW)	mW	100	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	mm	$(\Phi)3.0 \times 3.9$	

Note: 1. Devices for higher optical power and pulse power are also available.

2. Other package dimensions and clear aperture are also available on request.

ORDERING INFORMATION (PN)

FISF- **NNNN** - **C** - **NNxNN**
Center Wavelength *Stage.* *Dimension*
1040=1040nm **S= Single Stage** **30x39=(Φ)3.0x3.9mm**
D= Dual Stage