

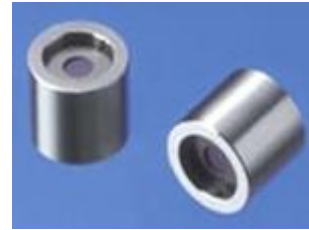
Mini Free Space Optical isolator

Features

- Ultra high isolation
- High extinction ration
- Low insertion Loss
- Large aperture
- Small size

Applications

- Coherent communications
- Optical transmissions
- CATV
- Laser diode packaging
- Optical sensor



Specifications

ITEM	VALUES	
Operation Wavelength, nm	1310nm or 1550nm	
Stage	Single	Dual
Minimum Isolation, dB (at 25°C, all SOP)	30	45
Typical Insertion Loss, dB (over the center wavelength±20nm), (at 25°C, all SOP)	0.1	0.15
Maximum Insertion Loss, dB (over the center wavelength±20nm), (-20 ~ 60°C, all SOP)	0.2	0.3
Operating temperature, °C	0 ~ 60°C	
Aperture Size, mm	0.8	
Storage temperature, °C	-40°C ~ 85 °C	
Maximum output power, W/cm ²	50	

Note:SOP= States of Polarization

Mini Free Space Optical isolator Ordering information

IS-MI

XX

X

X

Wavelength
31-1310 nm
55-1550 nm
xX-Other

Package type
1- ϕ 3.0 * 2.5
2- ϕ 2.0 * 2.0
3- ϕ 2.0 * 1.3 (for single stage only)
X-Others

Stage type
S- Single
D- Dual

