

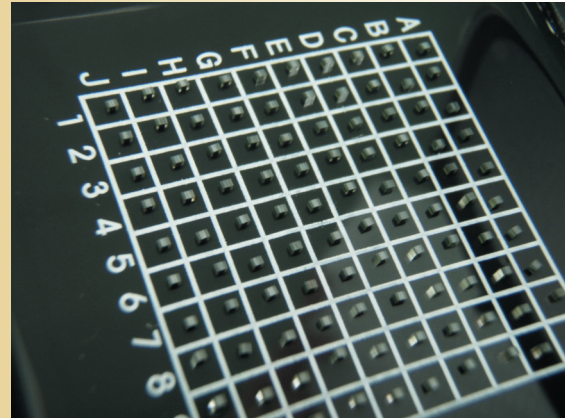
M-SD-FD MINI FREE SPACE OPTICAL ISOLATORS

Features:

- Ultra high isolation
- High extinction ratio
- Low insertion loss
- Large aperture
- Small size

Applications:

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



Performance Specifications:

ITEM	Polarization Dependent Mini Free Space Isolator	
Operating wavelength, nm	1310, 1550	
Stage	Single	Dual
Minimum Isolation, dB (At the center wavelength, 25 °C)	30	45
Typical Insertion Loss, dB (Over the center wavelength ± 20nm, 25 °C)	0.15	0.2
Maximum Insertion Loss, dB (Over the enter wavelength ± 20nm, -20 ~ 60 °C)	0.3	0.4
Operating Temperature, °C	0 ~ +70	
Aperture Size, mm	0.4, 0.8, or Customer Specify	
Storage Temperature, °C	-40 ~ +85	

Note: SOP = States of Polarization