

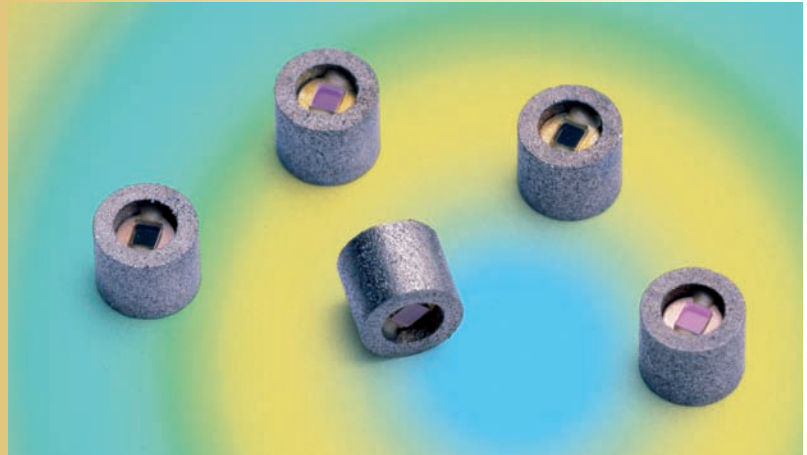
M-FD MINI FREE SPACE OPTICAL ISOLATORS

Features:

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

Applications:

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



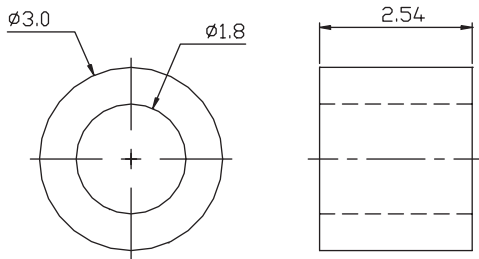
Performance Specifications:

ITEM	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 \pm 20nm, at 25 °C)	0.1	0.15
Maximum Insertion Loss, dB (Over the enter wavelength \pm 20nm, -20 ~ 60 °C)	0.2	0.3
Operating Temperature, °C	0 ~ +70	
Aperture Size, mm	0.8	
Storage Temperature, °C	-40 ~ +85	

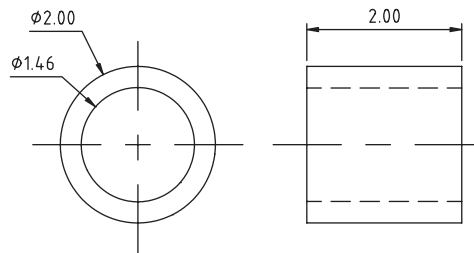
Note: SOP = States of Polarization

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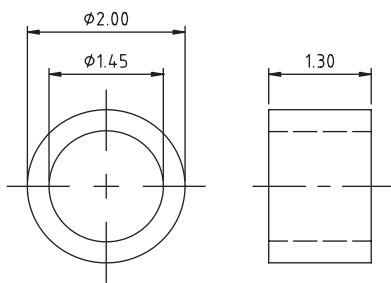
Packaging Dimension:



Type 1 (Ø 3 x 2.54mm)



Type 2 (Ø 2.0 x 2.0mm)



Type 3 (Ø 2 x 1.3mm)

Ordering Information:

M - FD - □ - □ - □

Stage Type

- 1 Single
- 2 Dual

Operating Wavelength

- 13 1310nm
- 14 1490nm
- 15 1550nm
- 00 Others, please specify

Package Type

- 1 Ø3.0 * 2.54
- 2 Ø2.0 * 2.0 (for single stage only)
- 3 Ø2.0 * 1.3 (for single stage only)
- X Others, please specify