

NEW

YIG

Key Isolator Material for Mid-IR

Features

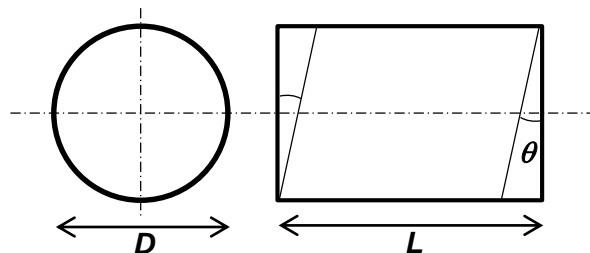
- ✓ High Purity
- ✓ Maximum Length: 80 mm
- ✓ Maximum Diameter: 5 mm



Advantages of FZ-Grown YIG

	FZ	Flux	Epi
Element Size	✓✓	✓	×
Purity	✓✓	×	✓
Volume Production	✓✓	×	✓
Orientation Control	✓	×	✓
Pb-free	✓✓	×	×

Typical Dimensions of Element



Diameter D (mm)	Length L (mm)	Surface Angle θ (deg.)	Coating wavelength λ (μm)
2.0 - 5.0	1.0 - 6.0	0 - 0.5	2.0 - 4.5

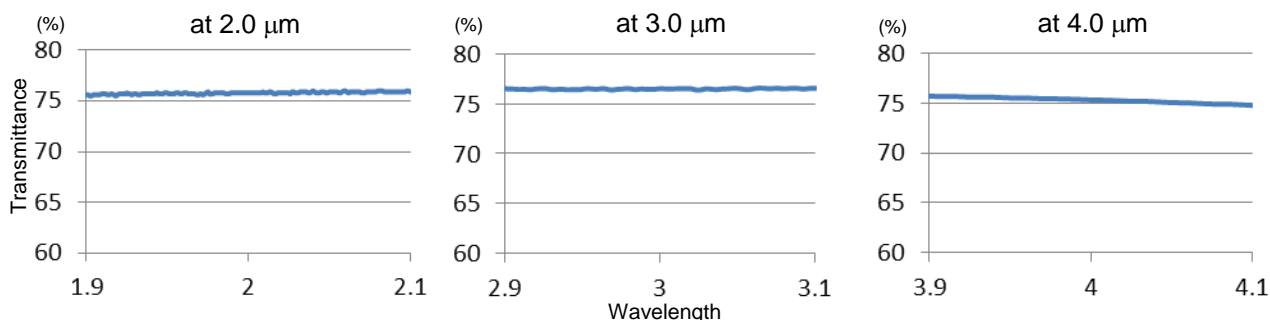
Contact for Custom Request

Properties

Crystal Structure: Cubic

Density: 5.17 g/cm³, Lattice Constant: 1.24 nm

Transmittance (*Bulk / Uncoated): >75% at 2-4 μm , >70% at 4.5 μm

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