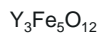


YIG

Key Isolator Material for Mid-IR

Features

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



Advantages of FZ-Grown YIG

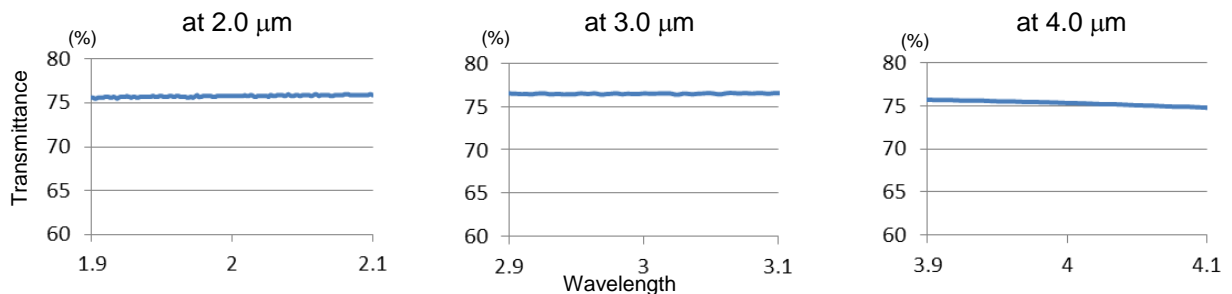
	FZ	Flux	Epi
Element Size	✓✓	✓	×
Purity	✓✓	×	✓
Volume Production	✓✓	×	✓
Orientation Control	✓	×	✓
Pb-free	✓✓	×	×

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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