

YIG (Yttrium Iron Garnet) : $Y_3Fe_5O_{12}$

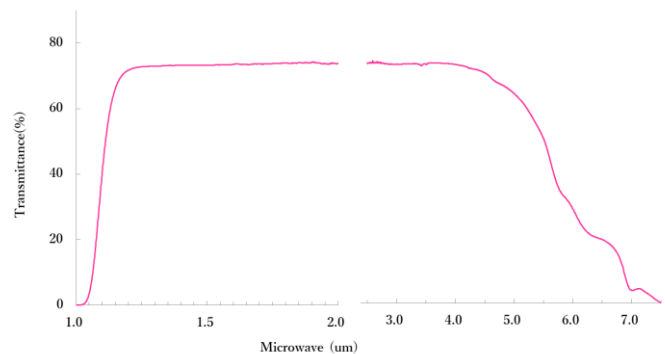


Product

- Isolator Material for Near and Mid-IR
- High purity single crystal by FZ method
- Substitutional Rare-earth Iron Garnet for various magneto-optical device

Properties

- Crystal Structure : Cubic
- Lattice Constant : 1.24 nm
- Density : 5.17 g/cm³
- Melting Point : 1555 °C
- Transmittance : Bulk / Uncoated



Specification

- Diameter : ~ 6 mm (Customizable)
- Length : ~ 100 mm
- Thickness : 0.125 ~ 2.0 mm (Customizable)
- Surface : Single Side Polish, Double Side Polish, As cut, Lapped
- Orientation : <111> (Customizable)

Inquiry

If you have any questions, please feel free to contact us.

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