

1.0mm Diameter, Ruby Ball Lens



Sapphire and Ruby Ball Lenses

Stock #43-639 3-4 DAYS

⊖ 1 ⊕ **€23,50**

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Qty 1-10

€23,50

Qty 11+

€18,50

Volume Pricing

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Diameter (mm):

1.00

Substrate: ☐

Ruby Doped Sapphire (Al₂O₃)

Coating:

Uncoated

Type: Ball Lens
Wavelength Range (nm): 600 - 5500
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 8.4
Index of Refraction n_d: 1.77
Melting Temperature (°C): 2053.00
Porosity (%): 0.00
Specific Gravity (g/cm³): 3.98
Sphericity (µm): 0.625
Wavelength Range (µm): 0.6 - 5.5
Compressive Strength (psi): 300,000
Diameter Tolerance (µm): ±2.54

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 240: Compliant