

4.0mm Diameter, Ruby Ball Lens



Sapphire and Ruby Ball Lenses

Stock #43-824 3-5 DAYS

⊖ 1 ⊕ **S\$39.15**

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Qty 1-10

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Diameter (mm):

4.00

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 241:
[Compliant](#)