

0.5mm Diameter, Ruby Ball Lens



Sapphire and Ruby Ball Lenses

Stock **#46-225** ☐ In Stock

-

1

+

C\$32.90

ADD TO CART

Qty 1-10

C\$32.90

Qty 11+

C\$25.90

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
0.50

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