

5.0mm Diameter, Sapphire Ball Lens



Sapphire and Ruby Ball Lenses

Stock **#43-646** ☒ In Stock

-

1

+

€28,50

ADD TO CART

Qty 1-10

€28,50

Qty 11+

€22,50

Volume Pricing

[Request Quote](#)

⚠ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
5.00

Substrate: ☒ Sapphire (Al₂O₃)

Coating:
Uncoated

Type: Ball Lens
Wavelength Range (nm): 200 - 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): 0.2 - 5.5
Compressive Strength (psi): 300,000
Diameter Tolerance (µm): ±2.54

Regulatory Compliance

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