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2mm Dia., Uncoated, ISP Optics Fused Silica Hemispherical Lens | QU-HS-2

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Stock **#24-719** CLEARANCE **15 In Stock**

- 1 + **MRP** ₹8,424

Price inclusive of all taxes

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General

Type:
Half-Ball Lens

Model Number:
QU-HS-2

Physical & Mechanical Properties

Diameter (mm):
2.00 ±0.01

Center Thickness CT (mm):
1.00 ±0.05

Radius R (mm):

1.00

Optical Properties

Substrate:

Fused Silica

Coating:

Uncoated

Wavelength Range (nm):

200 - 3500

Index of Refraction (n_d):

1.458

Surface Quality:

60-40

Regulatory Compliance

Certificate of Conformance:

View

Country of Origin:

Latvia

Imported By:

Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

Product Details

- High Numerical Apertures
- Ideal for Fiber and LED Coupling
- Available with Fused Silica, Si, CaF_2, or ZnSe Substrates

ISP Optics Hemispherical (Half-Ball) Infrared (IR) Lenses are ideal for LED and fiber coupling of visible and infrared (IR) light sources. Hemispherical lenses are made by cutting a spherical (ball) lens in half, facilitating easier mounting compared to spherical (ball) lenses. These lenses are available with Fused Silica, Silicon, Calcium Fluoride, or Zinc Selenide substrates to provide coverage for applications from the ultraviolet to the long-wave infrared. ISP Optics Hemispherical (Half-Ball) Infrared (IR) Lenses feature high numerical apertures for applications including fiber coupling, microscopy, and IR laser measurement. The lenses with Silicon substrates are available as either standard hemispherical lenses or hyper-hemispherical lenses.

Note: Special care should be taken when handling Zinc Selenide as it is a toxic material. Always wear rubber or plastic gloves to avoid risk of contamination.

Special Handling

These optics require special handling to avoid damage and ensure long-term performance. Proper handling, cleaning, and storage are essential to maintain optical quality. Explore our **Optics Cleaning Resources** for step-by-step guides and best practices. For personalized assistance, **Email us** or **Chat** with our technical support team.

Component Handling Tools

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