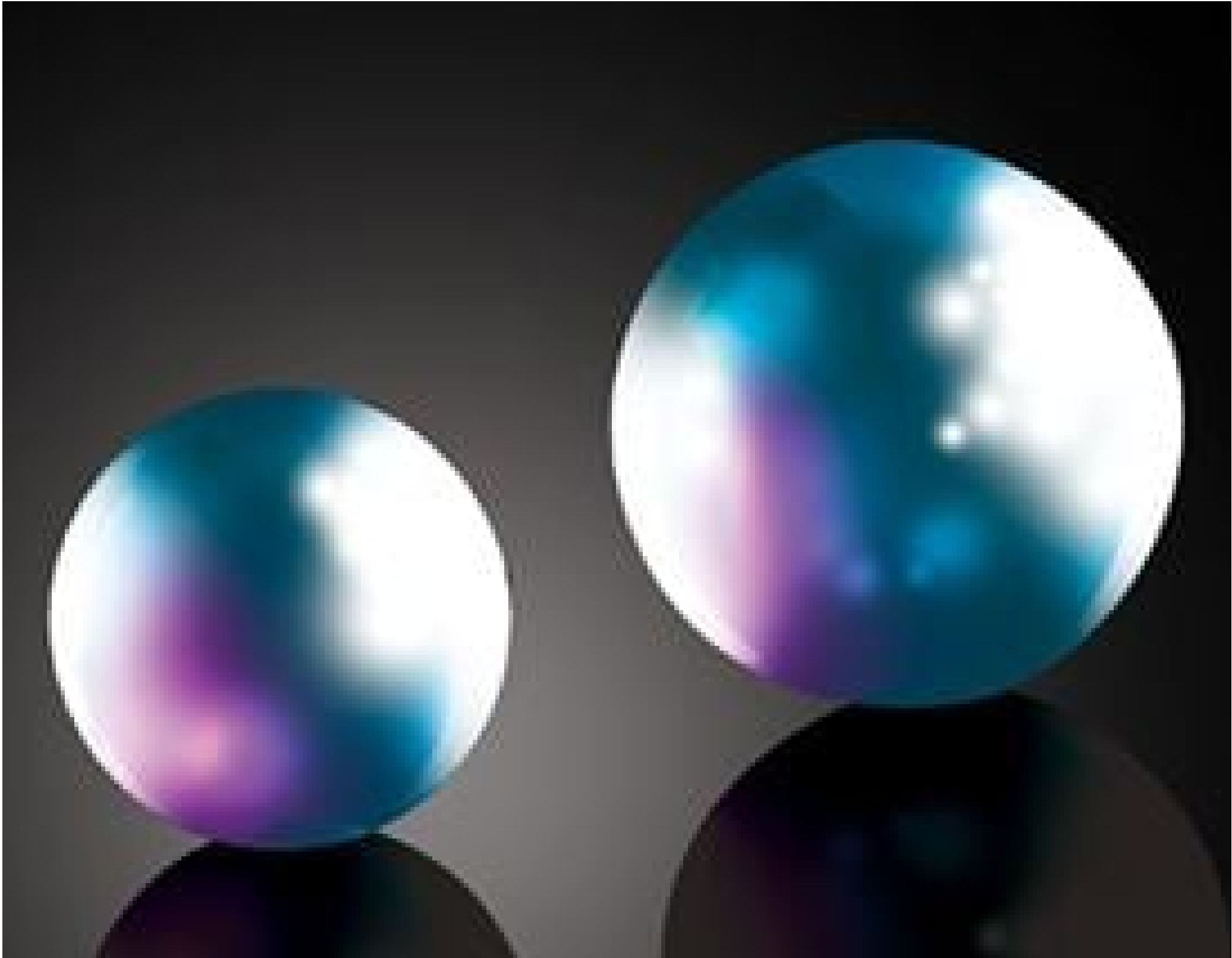


TECHSPEC<sup>®</sup> 1.5mm Diameter, Fused Silica Ball Lens



Stock #67-381 20+ In Stock

-

1

+

S\$84<sup>.70</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-10       | S\$84.70 each                 |
| Qty 11-49      | S\$67.55 each                 |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| General                          |                          |
|----------------------------------|--------------------------|
| Ball Lens                        | Type:                    |
| Physical & Mechanical Properties |                          |
| 1.50                             | Diameter (mm):           |
| ±2.5                             | Diameter Tolerance (µm): |
| Optical Properties               |                          |

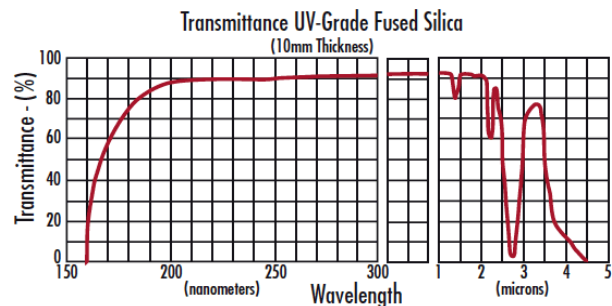
|                                        |  |
|----------------------------------------|--|
| Substrate: <input type="checkbox"/>    |  |
| Fused Silica (Corning 7980)            |  |
| Coating:                               |  |
| Uncoated                               |  |
| Wavelength Range (nm):                 |  |
| 200 - 2200                             |  |
| Index of Refraction (n <sub>d</sub> ): |  |
| 1.458                                  |  |
| Sphericity (μm):                       |  |
| 0.625                                  |  |
| Regulatory Compliance                  |  |
| RoHS 2015:                             |  |
| Compliant                              |  |
| Certificate of Conformance:            |  |
| View                                   |  |
| Reach 247:                             |  |
| Compliant                              |  |

## Product Details

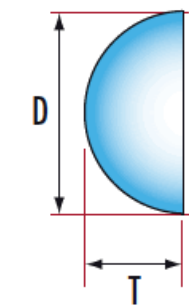
- Excellent UV Transmission
- Low Coefficient of Thermal Expansion
- Ball and Half-Ball Options Available

TECHSPEC® Fused Silica Ball and Half-Ball Lenses feature high transmission from 200nm to 2.2μm with a low coefficient of thermal expansion, making it ideal for the most demanding ball lens applications in the ultraviolet, visible, and near-infrared spectra. Ball lenses are commonly used for improving signal coupling between fibers, emitters, and detectors, as well as objective lenses in endoscopy and bar-code scanning applications. Half-ball lenses simplify handling and integration. TECHSPEC Fused Silica Ball and Half-Ball Lenses are uncoated with a fused silica substrate. The lenses are available in diameters ranging from 0.50 to 5.00mm.

## Technical Information



UV FS Transmission Curve



## Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

## Compatible Mounts