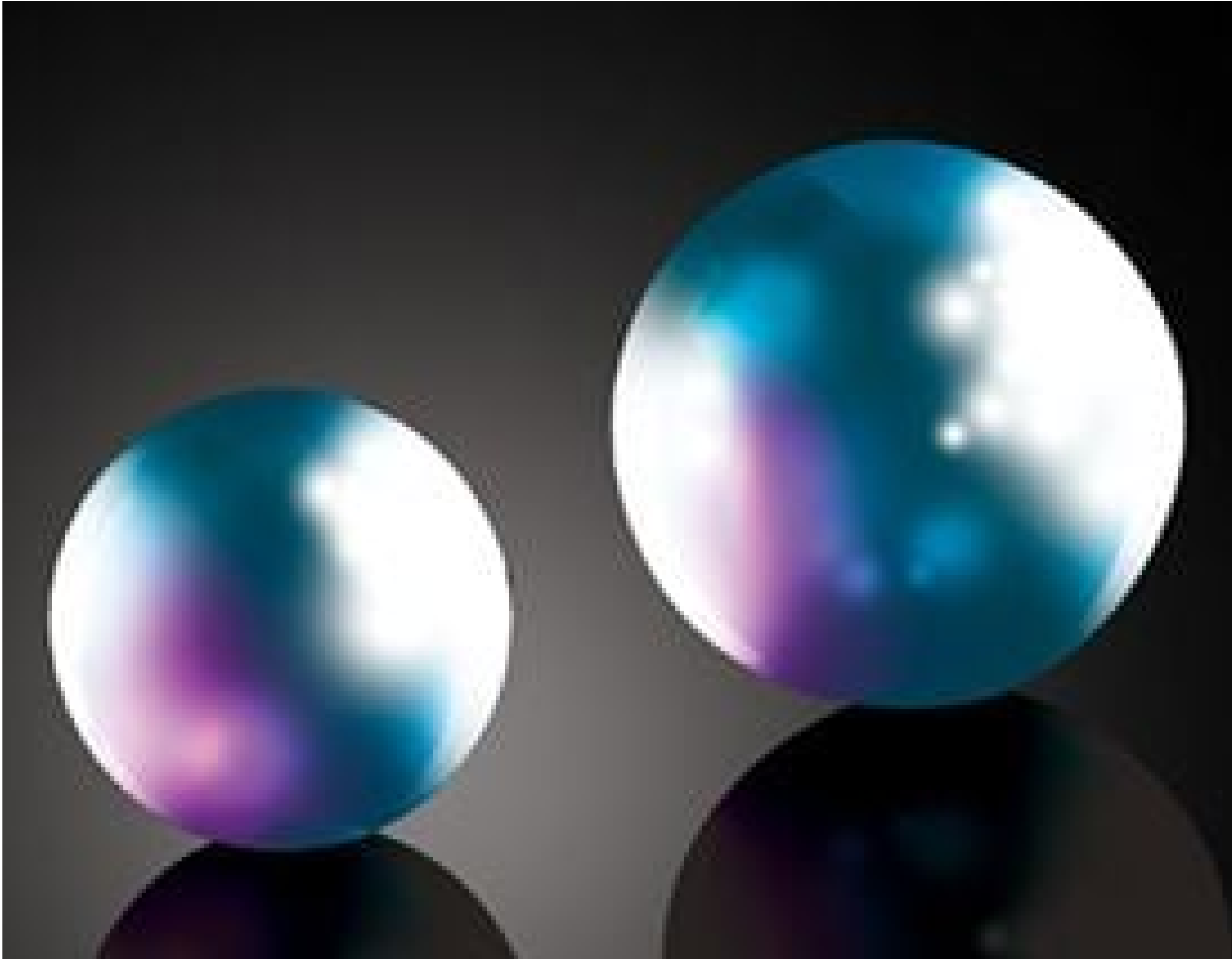


TECHSPEC® 0.5mm Diameter, Fused Silica Ball Lens



Stock #67-379 20+ In Stock

-

1

+

₹4,048

ADD TO CART

Volume Pricing	
Qty 1-10	₹4,048 each
Qty 11-49	₹3,231 each
Need More?	Request Quote

Product Downloads

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

Fused Silica (Corning 7980)		Substrate: ☐
Uncoated		Coating:
200 - 2200		Wavelength Range (nm):
1.458		Index of Refraction (n _d):
0.625		Sphericity (μm):
Regulatory Compliance		
Compliant		RoHS 2015:
View		Certificate of Conformance:
Compliant		Reach 247:
Switzerland		Country of Origin:
Edmund Optics India Private Limited		Imported By:

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

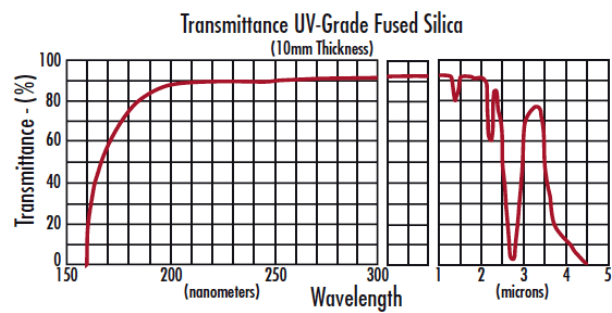
Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

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

