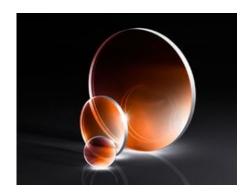


All Products / Optics / Windows and Diffusers / UV and IR Windows

# ISP Optics Barium Fluoride (BaF<sub>2</sub>) Windows See More by ISP Optics



- Excellent Transmission from 0.2 12µm
- Resistant to High-Energy Radiation
- High Transmission without AR Coatings

## **Common Specifications**

### **Physical & Mechanical Properties**

Bevel:	Protective as needed	Clear Aperture (%):	85				
Edges:	Fine Ground	Knoop Hardness (kg/mm²):	82.00				
Parallelism (arcmin):	<3	Poisson's Ratio:	0.34				
Young's Modulus (GPa):	53						
Optical Properties							
Abbe Number (v <sub>d</sub> ):	81.78	_					
Axis Orientation:	Random	Coating:	Uncoated				
Index of Refraction (n <sub>d</sub> ):	1.48	Substrate:	Barium Fluoride (BaF2)				
Surface Flatness (P-V):	2λ	Surface Quality:	40-20				
Wavelength Range (nm):	200 - 12000						
Material Properties							
Coefficient of Thermal Exp	pansion CTE (10 <sup>-6</sup> /°C):	18.1					
Density (g/cm <sup>3</sup> ):		4.89					
Environmental & Durability Factors							
Operating Temperature (°C	<b>&gt;</b> ):	Maximum: 800					

### **Technical Information**

### **Products**

Dia. (mm)	Thickness (mm)	Coating	Model Number	Stock Number	Price	Buy
25.40	4.00	Uncoated	BF-W- 25-4	Clearance  Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.	£105.36	Contact Us
38.10	1.00	Uncoated	BF-W- 38-1	Clearance  Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.	£196.31	14 In Stock

#### #24-498 Clearance

Clearance Availability is limited, so buy before these BF-W-Uncoated 38.10 2.00 £196.31 5 In Stock products 38-2 disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

#### #24-500 Clearance

Clearance Availability is limited, so buy before BF-Wthese 38.10 4.00 5 In Stock Uncoated £164.86 38-4 products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

#### #24-502 Clearance

accept returns. Receive up to 80% off select products.

Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot

£186.96 1 In Stock



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Phone: 1-800-363-1992 : www.edmundoptics.com