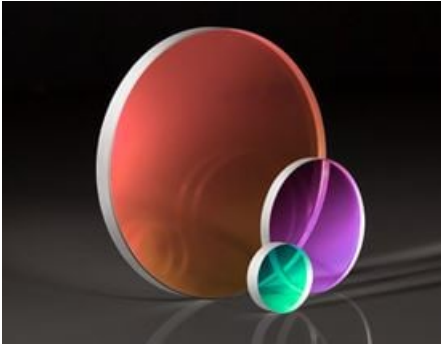


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- High Transmission from 190 - 3500nm
- High Chemical Resistance
- Low Coefficient of Thermal Expansion

Common Specifications

Physical & Mechanical Properties			
Bevel:	Protective as needed	Clear Aperture (%):	85
Clear Aperture CA (mm):	10.79	Diameter (mm):	12.70 +0.00/-0.13
Edges:	Fine Ground	Knoop Hardness (kg/mm ²):	522
Parallelism (arcmin):	<3	Poisson's Ratio:	0.16
Young's Modulus (GPa):	73		
Optical Properties			
Abbe Number (v _d):	67.8		
Coating:	Uncoated	Index of Refraction (n _d):	1.458
Substrate:	Quartz	Surface Flatness (P-V):	1λ per inch @ 633nm
Surface Quality:	40-20	Wavelength Range (nm):	190 - 3500
Material Properties			
Coefficient of Thermal Expansion CTE (10 ⁻⁶ /°C):	0.52 (+5 to +35°C) 0.57 (0 to +200°C) 0.48 (-100 to +200°C)	Density (g/cm ³):	2.20

Technical Information

Products

Dia. (mm)	Thickness (mm)	Coating	Model Number	Stock Number	Price	Buy
#24-594 Clearance						
						
Clearance						
Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.						
12.70	1.00	Uncoated	Q-W-12-1		€151,00	3-4 days
#24-595 Clearance						
						
Clearance						
Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.						
12.70	2.00	Uncoated	Q-W-12-2		€151,00	3-4 days



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