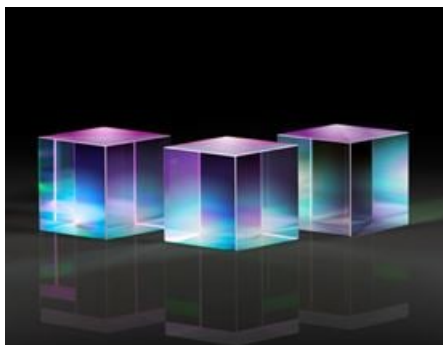


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Polarizing Cube Beamsplitters for Quantum Computing



- Ideal for Trapped-Ion and Neutral Atom Applications
- Range of Application-Specific Wavelengths from 366nm to 815nm
- Surface Quality of 20-10 to Reduce Loss with Low-Light Signals

Common Specifications

Physical & Mechanical Properties



Bevel:	Protective as needed	Clear Aperture CA (mm):	>90
Construction:	Cube	Dimensions (mm):	12.7 x 12.7 x 12.7 +0.0/-0.3

Optical Properties

Beam Deviation (arcmin):	<3	Extinction Ratio:	>1000:1
P-Polarization Transmission (%):	>96	S-Polarization Reflection (%):	>99.5
Substrate:	Fused Silica	Surface Flatness (P-V):	$\lambda/6$ @ 632.8nm
Surface Quality:	20-10		

Technical Information

Products

Extinction Ratio	DWL (nm)	Wavelength Range (nm)	Stock Number	Price	Buy
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#72-215 New					
					
New					
>1000:1	366	366 - 369	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	£433.37 Volume Pricing	Contact Us
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