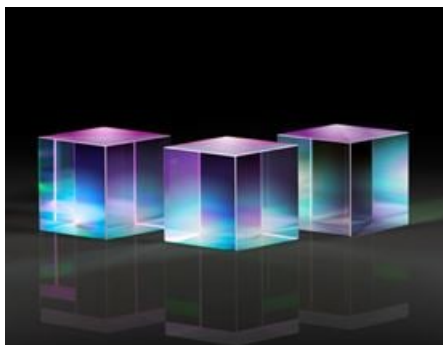


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# Polarizing Cube Beamsplitters for Quantum Computing



- 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



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

### Optical Properties

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

## Technical Information

Products

Extinction Ratio	DWL (nm)	Wavelength Range (nm)	Stock Number	Price	Buy
<a href="#">#72-215 New</a>					
					
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!	₹44,550 Qty 6+ ₹37,890	10 to 12 days
<a href="#">#72-216 New</a>					
					
New					
>1000:1	392	392 - 399	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	₹44,550 Qty 6+ ₹37,890	Contact Us

[#72-217 New](#)



New

>1000:1	435	425 - 445	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	₹44,550 Qty 6+ ₹37,890	10 to 12 days
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New

>1000:1	495	493 - 553	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	₹44,550 Qty 6+ ₹37,890	Contact Us
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[#72-219 New](#)



New

>1000:1	689	679 - 698	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	₹44,550 Qty 6+ ₹37,890	10 to 12 days
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[#72-220 New](#)



New

>1000:1    815    810 - 825

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₹44,550  
Qty 6+ ₹37,890

10 to 12 days



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