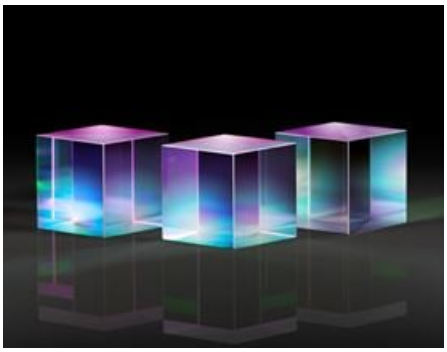
Edmund optics | worldwide

Family ID #4615

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):**	λ/6 @ 632.8nm
Surface Quality:	20-10		

Technical Information

Products

Extinction Ratio	DWL (nm)	Wavelength Range (nm)	Stock Number	Price	Buy
>1000:1	366	366 - 369	#72-215 New  New Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	₹44,550 Volume Pricing	Contact Us
>1000:1	392	392 - 399	#72-216 New  New Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	₹44,550 Volume Pricing	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 Volume Pricing	4 In Stock
			#72-218 New  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 Volume Pricing	1 In Stock
			#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 Volume Pricing	4 In Stock

			#72-220 New  New		
>1000:1	815	810 - 825	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	₹44,550 Volume Pricing	Contact Us

---