

[All Products](#) / [Optics](#) / [Polarization Optics](#) / [Retarders \(Waveplates\)](#) / [Crystalline Waveplates](#)

Half Waveplates for Quantum Computing



- Ideal for Trapped-Ion and Neutral Atom Applications
- Range of Application-Specific Wavelengths from UV to NIR
- 12.7 and 25.4mm Diameters for Easy Integration

Common Specifications

Optical Properties


Substrate:	Crystalline Quartz	Retardance:	$\lambda/2$
Surface Quality:	20-10	Transmitted Wavefront Distortion (RMS):	$\lambda/10$ @632.8nm
Coating Type:	Anti-Reflection		

Threading & Mounting

Mount Thickness (mm):	6.00 ±0.2
Mount:	Anodized Aluminium

Technical Information

Products

Dia. (mm)	DWL (nm)	Retardance	Retardance Order	Stock Number	Price	Buy
12.70	366	$\lambda/2$	First	#71-035	C\$673.40 Volume Pricing	1 In Stock
12.70	392	$\lambda/2$	First	#71-036	C\$673.40 Volume Pricing	2 In Stock
12.70	435	$\lambda/2$	Zero	#71-037	C\$673.40 Volume Pricing	3 In Stock
12.70	495	$\lambda/2$	Zero	#71-038	C\$673.40 Volume Pricing	4 In Stock
12.70	689	$\lambda/2$	Zero	#71-039	C\$673.40 Volume Pricing	Contact Us
#75-335 New						
						
New						
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12.70	772	$\lambda/2$	Zero		C\$673.40 Volume Pricing	8 In Stock
12.70	813	$\lambda/2$	Zero	#71-040	C\$673.40 Volume Pricing	5 In Stock
12.70	815	$\lambda/2$	Zero	#71-041	C\$673.40 Volume Pricing	5 In Stock

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12.70 1545

λ/2

Zero

C\$673.40
[Volume Pricing](#)

8 In Stock

25.40 366

λ/2

Zero

[#71-401](#)

C\$777.00
[Volume Pricing](#)

1 In Stock

25.40 392

λ/2

Zero

[#71-402](#)

C\$777.00
[Volume Pricing](#)

4 In Stock

25.40 435

λ/2

Zero

[#71-403](#)

C\$777.00
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3 In Stock

25.40 495

λ/2

Zero

[#71-404](#)

C\$777.00
[Volume Pricing](#)

4 In Stock

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λ/2

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[#71-405](#)

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9 In Stock

25.40 813

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Zero

[#71-406](#)

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25.40 815

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Zero

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8 In Stock



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Phone: 1-800-363-1992 :

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