

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

Dual-Wavelength Quartz Waveplates



- $\lambda/4$ and $\lambda/2$ Retardance for Harmonic Separation
- Designed for Nd:YAG, Yb:YAG, or Ti:Sapphire Lasers
- Multiple Order Designs

Common Specifications

Physical & Mechanical Properties

Clear Aperture CA (mm):	18.0	Diameter (mm):	25.40 +0/-0.2
Dimensional Tolerance (mm):	+0/-0.2	Parallelism (arcsec):	<30

Optical Properties

Substrate:	Crystalline Quartz	Surface Quality:	20-10
Transmitted Wavefront, P-V:	< $\lambda/10$ @ 632.8nm	Damage Threshold, By Design:	>5 J/cm ² @ 1064 nm; 10 ns; 10 Hz
Retardance Order:	Multiple order		

Threading & Mounting

Mount Thickness (mm):	6 ±0.2
-----------------------	--------

Technical Information

Products

Dia. (mm)	CA (mm)	DWL (nm)	Retardance	Stock Number	Price	Buy
25.40	18.0	532, 1064	$\lambda/4$ @ 532, $\lambda/2$ @ 1064	#23-748	£345.82 Volume Pricing	Contact Us
25.40	18.0	532, 1064	$\lambda/2$ @ 532, $\lambda/4$ @ 1064	#23-749	£345.82 Volume Pricing	Contact Us
25.40	18.0	515, 1030	$\lambda/2$ @ 515, $\lambda/4$ @ 1030	#23-750	£345.82 Volume Pricing	Contact Us
25.40	18.0	515, 1030	$\lambda/4$ @ 515, $\lambda/2$ @ 1030	#23-751	£345.82 Volume Pricing	6 In Stock
25.40	18.0	400, 800	$\lambda/2$ @ 400, $\lambda/4$ @ 800	#23-834	£345.82 Volume Pricing	9 In Stock
25.40	18.0	400, 800	$\lambda/4$ @ 400, $\lambda/2$ @ 800	#23-835	£345.82 Volume Pricing	Contact Us



Copyright 2023 | Edmund Optics, Ltd Unit 1, Opus Avenue, Nether Poppleton, York, YO26 6BL, UK

Phone: 1-800-363-1992 :

www.edmundoptics.com