

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

Quartz Waveplates (Retarders)



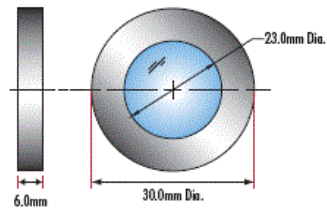
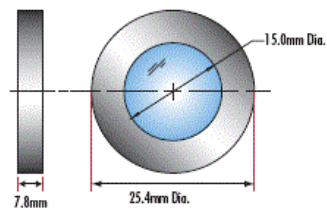
- Zero Order and Multiple Order Waveplates
- $\lambda/4$ and $\lambda/2$ Retardance
- Mounted in Black Anodized Aluminum Frame
- [Zero Order Polymer Waveplates](#) Also Available

Common Specifications

Physical & Mechanical Properties

Construction:	Crystalline	Parallelism (arcsec):	<3
Optical Properties			
Substrate:	Crystal Quartz		

Technical Information



Products

Retardance	DWL (nm)	CA (mm)	Dia. (mm)	Type	Surface Quality	Stock Number	Price	Buy
$\lambda/4$	266	8.00	12.70	Crystalline Waveplate	10-5	#85-017	€444,96 Volume Pricing	3 In Stock
$\lambda/2$	266	8.00	12.70	Crystalline Waveplate	10-5	#85-031	€444,96 Volume Pricing	3 In Stock
$\lambda/2$	343	8.0	12.70	Crystalline Waveplate	10-5	#16-883	€444,96	Contact Us
$\lambda/2$	355	8.00	12.70	Crystalline Waveplate	10-5	#85-032	€444,96 Volume Pricing	Contact Us
$\lambda/4$	405	8.00	12.70	Crystalline Waveplate	10-5	#85-019	€444,96 Volume Pricing	5 In Stock
$\lambda/2$	405	8.00	12.70	Crystalline Waveplate	10-5	#85-033	€444,96 Volume Pricing	2 In Stock
$\lambda/4$	488	8.00	12.70	Crystalline Waveplate	10-5	#85-020	€444,96 Volume Pricing	20+ In Stock
$\lambda/2$	488	8.00	12.70	Crystalline Waveplate	10-5	#85-034	€444,96 Volume Pricing	5 In Stock
$\lambda/4$	514.5	8.00	12.70	Crystalline Waveplate	10-5	#85-021	€444,96 Volume Pricing	1 In Stock
$\lambda/2$	514.5	8.00	12.70	Crystalline Waveplate	10-5	#85-035	€444,96 Volume Pricing	3 In Stock
$\lambda/4$	532	8.00	12.70	Crystalline Waveplate	10-5	#85-022	€444,96 Volume Pricing	2 In Stock
$\lambda/2$	532	8.00	12.70	Crystalline Waveplate	10-5	#85-037	€444,96 Volume Pricing	Contact Us
$\lambda/4$	632.8	8.00	12.70	Crystalline Waveplate	10-5	#85-023	€444,96 Volume Pricing	Contact Us
$\lambda/2$	632.8	8.00	12.70	Crystalline Waveplate	10-5	#85-038	€444,96 Volume Pricing	Contact Us
$\lambda/2$	670	8.00	12.70	Crystalline Waveplate	10-5	#85-039	€444,96 Volume Pricing	Contact Us
$\lambda/4$	780	8.00	12.70	Crystalline Waveplate	10-5	#85-025	€355,97 €444,96 Volume Pricing	4 In Stock
$\lambda/2$	780	8.00	12.70	Crystalline Waveplate	10-5	#85-041	€444,96 Volume Pricing	5 In Stock
$\lambda/2$	800	8.00	12.70	Crystalline Waveplate	10-5	#85-042	€444,96 Volume Pricing	5 In Stock

$\lambda/4$	830	8.00	12.70	Crystalline Waveplate	10-5	#85-027	€444,96 Volume Pricing	1 In Stock
$\lambda/2$	830	8.00	12.70	Crystalline Waveplate	10-5	#85-043	€444,96 Volume Pricing	1 In Stock
$\lambda/4$	980	8.00	12.70	Crystalline Waveplate	10-5	#85-028	€444,96 Volume Pricing	1 In Stock
$\lambda/2$	980	8.00	12.70	Crystalline Waveplate	10-5	#85-044	€444,96 Volume Pricing	3 In Stock
$\lambda/4$	1064	8.00	12.70	Crystalline Waveplate	10-5	#85-029	€444,96	14 In Stock
$\lambda/2$	1064	8.00	12.70	Crystalline Waveplate	10-5	#85-045	€444,96	Contact Us
$\lambda/4$	1550	8.00	12.70	Crystalline Waveplate	10-5	#85-030	€444,96 Volume Pricing	1 In Stock
$\lambda/2$	1550	8.00	12.70	Crystalline Waveplate	10-5	#85-046	€444,96 Volume Pricing	3 In Stock
$\lambda/4$	266	8.00	12.70	Crystalline Waveplate	10-5	#85-068	€269,86 Volume Pricing	Contact Us
$\lambda/2$	266	8.00	12.70	Crystalline Waveplate	10-5	#85-079	€269,86 Volume Pricing	5 In Stock
$\lambda/4$	343	8.0	12.70	Crystalline Waveplate	10-5	#16-882	€444,96	Contact Us
$\lambda/4$	355	8.00	12.70	Crystalline Waveplate	10-5	#85-072	€269,86 Volume Pricing	Contact Us
$\lambda/2$	355	8.00	12.70	Crystalline Waveplate	10-5	#85-080	€269,86 Volume Pricing	Contact Us
$\lambda/4$	405	8.00	12.70	Crystalline Waveplate	10-5	#85-073	€269,86 Volume Pricing	Contact Us
$\lambda/2$	405	8.00	12.70	Crystalline Waveplate	10-5	#85-081	€175,41 €269,86 Volume Pricing	3 In Stock
$\lambda/4$	488	8.00	12.70	Crystalline Waveplate	10-5	#85-074	€269,86 Volume Pricing	Contact Us

[#85-082 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

λ/2

488

8.00

12.70

Crystalline Waveplate

10-5

€84,95 ~~€169,90~~

1 In Stock

λ/4

514.5

8.00

12.70

Crystalline Waveplate

10-5

[#85-075](#)

€269,86
[Volume Pricing](#)

Contact Us

λ/2

514.5

8.00

12.70

Crystalline Waveplate

10-5

[#85-083](#)

€269,86
[Volume Pricing](#)

Contact Us

λ/4

532

8.00

12.70

Crystalline Waveplate

10-5

[#85-076](#)

€269,86
[Volume Pricing](#)

13 In Stock

λ/2

532

8.00

12.70

Crystalline Waveplate

10-5

[#85-084](#)

€175,41 ~~€269,86~~
[Volume Pricing](#)

Contact Us

λ/4

632.8

8.00

12.70

Crystalline Waveplate

10-5

[#85-077](#)

€269,86
[Volume Pricing](#)

3 In Stock

λ/2

632.8

8.00

12.70

Crystalline Waveplate

10-5

[#85-085](#)

€175,41 ~~€269,86~~
[Volume Pricing](#)

5 In Stock

λ/2

1030

8.0

12.70

Crystalline Waveplate

10-5

[#16-887](#)

€444,96

Contact Us

λ/4

1030

8.0

12.70

Crystalline Waveplate

10-5

[#16-886](#)

€444,96

1 In Stock

λ/4

1064

8.00

12.70

Crystalline Waveplate

10-5

[#85-078](#)

€269,86
[Volume Pricing](#)

2 In Stock

λ/2

1064

8.00

12.70

Crystalline Waveplate

10-5

[#85-086](#)

€269,86
[Volume Pricing](#)

Contact Us

λ/4

266

15.00

25.40

Crystalline Waveplate

10-5

[#48-485](#)

€512,94
[Volume Pricing](#)

3 In Stock

λ/2

266

15.00

25.40

Crystalline Waveplate

10-5

[#48-486](#)

€512,94
[Volume Pricing](#)

3 In Stock

$\lambda/2$	302	15.00	25.40	Crystalline Waveplate	10-5	#35-132	€638,60 Volume Pricing	Contact Us
$\lambda/4$	343	>18.0	25.40	Crystalline Waveplate	10-5	#11-049	€512,94 Volume Pricing	Contact Us
$\lambda/2$	343	>18.0	25.40	Crystalline Waveplate	10-5	#11-048	€512,94 Volume Pricing	Contact Us
$\lambda/4$	355	15.00	25.40	Crystalline Waveplate	10-5	#46-548	€512,94 Volume Pricing	3 In Stock
$\lambda/2$	355	15.00	25.40	Crystalline Waveplate	10-5	#46-549	€512,94 Volume Pricing	4 In Stock
$\lambda/4$	405	20.00	25.40	Crystalline Waveplate	10-5	#14-297	€512,94 Volume Pricing	5 In Stock
$\lambda/2$	405	20.00	25.40	Crystalline Waveplate	10-5	#14-296	€512,94 Volume Pricing	2 In Stock
$\lambda/4$	488	15.00	25.40	Crystalline Waveplate	10-5	#46-550	€512,94 Volume Pricing	2 In Stock
$\lambda/2$	488	15.00	25.40	Crystalline Waveplate	10-5	#46-551	€512,94 Volume Pricing	3 In Stock
$\lambda/4$	514.5	15.00	25.40	Crystalline Waveplate	10-5	#43-692	€512,94 Volume Pricing	Contact Us
$\lambda/2$	514.5	15.00	25.40	Crystalline Waveplate	10-5	#43-693	€512,94 Volume Pricing	1 In Stock
$\lambda/4$	532	15.00	25.40	Crystalline Waveplate	10-5	#43-696	€384,71 €512,94 Volume Pricing	9 In Stock
$\lambda/2$	532	15.00	25.40	Crystalline Waveplate	10-5	#43-697	€512,94 Volume Pricing	5 In Stock
$\lambda/4$	632.8	15.00	25.40	Crystalline Waveplate	10-5	#43-700	€512,94 Volume Pricing	1 In Stock
$\lambda/2$	632.8	15.00	25.40	Crystalline Waveplate	10-5	#43-701	€512,94 Volume Pricing	20+ In Stock
$\lambda/2$	670	15.00	25.40	Crystalline Waveplate	10-5	#46-553	€512,94 Volume Pricing	2 In Stock
$\lambda/4$	780	15.00	25.40	Crystalline Waveplate	10-5	#46-410	€512,94 Volume Pricing	6 In Stock
$\lambda/2$	780	15.00	25.40	Crystalline Waveplate	10-5	#46-411	€307,76 €512,94 Volume Pricing	Contact Us
$\lambda/4$	800	15.00	25.40	Crystalline Waveplate	10-5	#46-554	€512,94 Volume Pricing	1 In Stock
$\lambda/2$	800	15.00	25.40	Crystalline Waveplate	10-5	#46-555	€512,94 Volume Pricing	1 In Stock

$\lambda/4$	830	15.00	25.40	Crystalline Waveplate	10-5	#46-412	€512,94 Volume Pricing	3 In Stock
$\lambda/4$	980	15.00	25.40	Crystalline Waveplate	10-5	#46-556	€512,94 Volume Pricing	1 In Stock
$\lambda/2$	980	15.00	25.40	Crystalline Waveplate	10-5	#46-557	€512,94 Volume Pricing	2 In Stock
$\lambda/4$	1064	20.00	25.40	Crystalline Waveplate	10-5	#14-289	€512,94 Volume Pricing	1 In Stock
$\lambda/2$	1064	20.00	25.40	Crystalline Waveplate	10-5	#14-288	€512,94 Volume Pricing	Contact Us
$\lambda/4$	1550	15.00	25.40	Crystalline Waveplate	10-5	#46-414	€512,94 Volume Pricing	1 In Stock
$\lambda/2$	1550	15.00	25.40	Crystalline Waveplate	10-5	#46-415	€512,94 Volume Pricing	2 In Stock
$\lambda/4$	355	15.00	25.40	Crystalline Waveplate	10-5	#48-473	€333,72 Volume Pricing	1 In Stock
$\lambda/2$	355	15.00	25.40	Crystalline Waveplate	10-5	#48-474	€333,72 Volume Pricing	1 In Stock
$\lambda/4$	532	15.00	25.40	Crystalline Waveplate	10-5	#43-694	€333,72 Volume Pricing	1 In Stock
$\lambda/2$	532	15.00	25.40	Crystalline Waveplate	10-5	#43-695	€200,23 €333,72 Volume Pricing	6 In Stock
$\lambda/4$	632.8	15.00	25.40	Crystalline Waveplate	10-5	#43-698	€333,72 Volume Pricing	3 In Stock
$\lambda/2$	632.8	15.00	25.40	Crystalline Waveplate	10-5	#43-699	€333,72 Volume Pricing	5 In Stock
$\lambda/2$	1030	20.0	25.40	Crystalline Waveplate	20-10	#16-889	€512,94	Contact Us
$\lambda/4$	1030	20.0	25.40	Crystalline Waveplate	20-10	#16-888	€512,94	2 In Stock
$\lambda/4$	1064	15.00	25.40	Crystalline Waveplate	10-5	#43-702	€183,55 €333,72 Volume Pricing	5 In Stock
$\lambda/2$	1064	15.00	25.40	Crystalline Waveplate	10-5	#43-703	€200,23 €333,72 Volume Pricing	5 In Stock
$\lambda/4$	266	23.0	30.00	Crystalline Waveplate	10-5	#65-897	€674,65 Volume Pricing	1 In Stock
$\lambda/4$	355	23.0	30.00	Crystalline Waveplate	10-5	#65-899	€674,65 Volume Pricing	3 In Stock
$\lambda/2$	355	23.0	30.00	Crystalline Waveplate	10-5	#65-900	€674,65 Volume Pricing	3 In Stock

$\lambda/4$	405	23.0	30.00	Crystalline Waveplate	10-5	#83-929	€674,65 Volume Pricing	Contact Us
$\lambda/2$	405	23.0	30.00	Crystalline Waveplate	10-5	#83-930	€674,65 Volume Pricing	4 In Stock
$\lambda/4$	532	23.0	30.00	Crystalline Waveplate	10-5	#48-489	€674,65 Volume Pricing	3 In Stock
$\lambda/2$	532	23.0	30.00	Crystalline Waveplate	10-5	#48-490	€674,65 Volume Pricing	5 In Stock
$\lambda/4$	632.8	23.0	30.00	Crystalline Waveplate	10-5	#48-491	€539,72 €674,65 Volume Pricing	9 In Stock
$\lambda/2$	632.8	23.0	30.00	Crystalline Waveplate	10-5	#48-492	€674,65 Volume Pricing	Contact Us
$\lambda/4$	800	23.0	30.00	Crystalline Waveplate	10-5	#65-905	€674,65 Volume Pricing	1 In Stock
$\lambda/2$	800	23.0	30.00	Crystalline Waveplate	10-5	#65-906	€674,65 Volume Pricing	3 In Stock
$\lambda/2$	1064	23.0	30.00	Crystalline Waveplate	10-5	#48-496	€674,65 Volume Pricing	Contact Us
$\lambda/4$	1550	23.0	30.00	Crystalline Waveplate	10-5	#65-911	€674,65 Volume Pricing	Contact Us
$\lambda/2$	266	23.0	30.00	Crystalline Waveplate	10-5	#65-914	€416,12 Volume Pricing	Contact Us

[#83-925 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

$\lambda/4$	405	23.0	30.00	Crystalline Waveplate	10-5		€130,27 €260,54	Contact Us
$\lambda/4$	532	23.0	30.00	Crystalline Waveplate	10-5	#48-479	€416,12 Volume Pricing	Contact Us

$\lambda/2$	532	23.0	30.00	Crystalline Waveplate	10-5	#48-480	€416,12 Volume Pricing	1 In Stock
$\lambda/4$	632.8	23.0	30.00	Crystalline Waveplate	10-5	#48-481	€416,12 Volume Pricing	2 In Stock
$\lambda/2$	632.8	23.0	30.00	Crystalline Waveplate	10-5	#48-482	€416,12 Volume Pricing	Contact Us
$\lambda/2$	1064	23.0	30.00	Crystalline Waveplate	10-5	#48-484	€416,12 Volume Pricing	1 In Stock
$\lambda/4$	343	35.0	50.80	Crystalline Waveplate	20-10	#16-884	€1.689,20	Contact Us
$\lambda/2$	343	35.0	50.80	Crystalline Waveplate	20-10	#16-885	€1.689,20	Contact Us
$\lambda/4$	355	35.00	50.80	Crystalline Waveplate	20-10	#26-735	€1.689,20	7 In Stock
$\lambda/2$	355	35.00	50.80	Crystalline Waveplate	20-10	#26-731	€1.689,20	Contact Us

[#85-048 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

$\lambda/4$	532	35.00	50.80	Crystalline Waveplate	20-10	#26-736	€1.689,20	2 In Stock
$\lambda/2$	532	35.00	50.80	Crystalline Waveplate	20-10	#26-732	€1.689,20	Contact Us
$\lambda/4$	632.8	35.00	50.80	Crystalline Waveplate	20-10	#26-737	€1.689,20	1 In Stock
$\lambda/2$	632.8	35.00	50.80	Crystalline Waveplate	20-10	#26-733	€1.689,20	Contact Us

$\lambda/4$	800	34.00	50.80	Crystalline Waveplate	10-5	#85-050	€1.689,20	Contact Us
$\lambda/2$	800	34.00	50.80	Crystalline Waveplate	10-5	#85-055	€1.689,20	3 In Stock
$\lambda/4$	1030	35.0	50.80	Crystalline Waveplate	20-10	#16-890	€1.689,20	1 In Stock
$\lambda/2$	1030	35.0	50.80	Crystalline Waveplate	20-10	#16-891	€1.689,20	1 In Stock
$\lambda/4$	1064	35.00	50.80	Crystalline Waveplate	20-10	#26-738	€1.689,20	3 In Stock
$\lambda/2$	1064	35.00	50.80	Crystalline Waveplate	20-10	#26-734	€1.689,20	2 In Stock
$\lambda/4$	1550	35.0	50.80	Crystalline Waveplate	20-10	#16-892	€1.689,20	Contact Us
$\lambda/2$	1550	35.0	50.80	Crystalline Waveplate	20-10	#16-893	€1.689,20	Contact Us
$\lambda/4$	355	46.00	76.20	Crystalline Waveplate	10-5	#85-058	€2.569,85	2 In Stock
$\lambda/2$	355	46.00	76.20	Crystalline Waveplate	10-5	#85-063	€2.569,85	1 In Stock
$\lambda/4$	532	46.00	76.20	Crystalline Waveplate	10-5	#85-059	€2.569,85	Contact Us
$\lambda/2$	532	46.00	76.20	Crystalline Waveplate	10-5	#85-064	€2.055,88 €2.569,85	7 In Stock
$\lambda/4$	800	46.00	76.20	Crystalline Waveplate	10-5	#85-061	€2.569,85 Volume Pricing	3 In Stock
$\lambda/4$	1064	46.00	76.20	Crystalline Waveplate	10-5	#85-062	€2.569,85	3 In Stock



Copyright 2023 | Edmund Optics, Ltd Unit 1, Opus Avenue, Nether Poppleton, York, YO26 6BL, UK
Phone: 1-800-363-1992 :
www.edmundoptics.com