

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

Quartz Waveplates (Retarders)



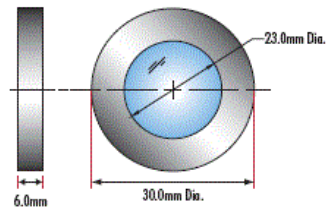
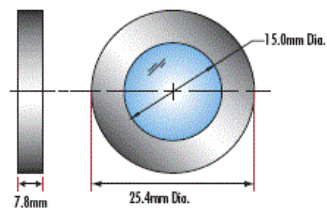
- Zero Order and Multiple Order Waveplates
- $\lambda/4$ and $\lambda/2$ Retardance
- Mounted in Black Anodized Aluminum Frame
- [Zero Order Polymer Waveplates](#) Also Available

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	€432,00 Qty 6+ €349,00	3-4 days
$\lambda/2$	266	8.00	12.70	Crystalline Waveplate	10-5	#85-031	€432,00 Qty 6+ €349,00	3-4 days
$\lambda/2$	343	8.0	12.70	Crystalline Waveplate	10-5	#16-883	€432,00	Contact Us
$\lambda/2$	355	8.00	12.70	Crystalline Waveplate	10-5	#85-032	€432,00 Qty 6+ €349,00	3-4 days
$\lambda/4$	405	8.00	12.70	Crystalline Waveplate	10-5	#85-019	€432,00 Qty 6+ €349,00	Contact Us
$\lambda/2$	405	8.00	12.70	Crystalline Waveplate	10-5	#85-033	€432,00 Qty 6+ €349,00	In Stock
$\lambda/4$	488	8.00	12.70	Crystalline Waveplate	10-5	#85-020	€432,00 Qty 6+ €349,00	3-4 days
$\lambda/2$	488	8.00	12.70	Crystalline Waveplate	10-5	#85-034	€432,00 Qty 6+ €349,00	3-4 days
$\lambda/4$	514.5	8.00	12.70	Crystalline Waveplate	10-5	#85-021	€432,00 Qty 6+ €349,00	3-4 days
$\lambda/2$	514.5	8.00	12.70	Crystalline Waveplate	10-5	#85-035	€432,00 Qty 6+ €349,00	3-4 days
$\lambda/4$	532	8.00	12.70	Crystalline Waveplate	10-5	#85-022	€432,00 Qty 6+ €349,00	Contact Us
$\lambda/2$	532	8.00	12.70	Crystalline Waveplate	10-5	#85-037	€432,00 Qty 6+ €349,00	3-4 days
$\lambda/4$	632.8	8.00	12.70	Crystalline Waveplate	10-5	#85-023	€432,00 Qty 6+ €349,00	3-4 days
$\lambda/2$	632.8	8.00	12.70	Crystalline Waveplate	10-5	#85-038	€432,00 Qty 6+ €349,00	In Stock
$\lambda/2$	670	8.00	12.70	Crystalline Waveplate	10-5	#85-039	€432,00 Qty 6+ €349,00	Contact Us
$\lambda/4$	780	8.00	12.70	Crystalline Waveplate	10-5	#85-025	€432,00 Qty 6+ €349,00	3-4 days
$\lambda/2$	780	8.00	12.70	Crystalline Waveplate	10-5	#85-041	€432,00 Qty 6+ €349,00	3-4 days
$\lambda/2$	800	8.00	12.70	Crystalline Waveplate	10-5	#85-042	€432,00 Qty 6+ €349,00	3-4 days

$\lambda/4$	830	8.00	12.70	Crystalline Waveplate	10-5	#85-027	€432,00 Qty 6+ €349,00	3-4 days
$\lambda/2$	830	8.00	12.70	Crystalline Waveplate	10-5	#85-043	€432,00 Qty 6+ €349,00	3-4 days
$\lambda/4$	980	8.00	12.70	Crystalline Waveplate	10-5	#85-028	€432,00 Qty 6+ €349,00	3-4 days
$\lambda/2$	980	8.00	12.70	Crystalline Waveplate	10-5	#85-044	€432,00 Qty 6+ €349,00	3-4 days
$\lambda/4$	1064	8.00	12.70	Crystalline Waveplate	10-5	#85-029	€432,00	3-4 days
$\lambda/2$	1064	8.00	12.70	Crystalline Waveplate	10-5	#85-045	€432,00	3-4 days
$\lambda/4$	1550	8.00	12.70	Crystalline Waveplate	10-5	#85-030	€432,00 Qty 6+ €349,00	3-4 days
$\lambda/2$	1550	8.00	12.70	Crystalline Waveplate	10-5	#85-046	€432,00 Qty 6+ €349,00	In Stock
$\lambda/4$	266	8.00	12.70	Crystalline Waveplate	10-5	#85-068	€262,00 Qty 6+ €212,00	Contact Us
$\lambda/2$	266	8.00	12.70	Crystalline Waveplate	10-5	#85-079	€262,00 Qty 6+ €212,00	Contact Us
$\lambda/4$	343	8.0	12.70	Crystalline Waveplate	10-5	#16-882	€432,00	3-4 days
$\lambda/4$	355	8.00	12.70	Crystalline Waveplate	10-5	#85-072	€262,00 Qty 6+ €212,00	Contact Us
$\lambda/2$	355	8.00	12.70	Crystalline Waveplate	10-5	#85-080	€262,00 Qty 6+ €212,00	Contact Us
$\lambda/4$	405	8.00	12.70	Crystalline Waveplate	10-5	#85-073	€262,00 Qty 6+ €212,00	Contact Us
$\lambda/2$	405	8.00	12.70	Crystalline Waveplate	10-5	#85-081	€262,00 Qty 6+ €212,00	3-4 days
$\lambda/4$	488	8.00	12.70	Crystalline Waveplate	10-5	#85-074	€262,00 Qty 6+ €212,00	In Stock

[#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

€164,95

3-4 days

λ/4

514.5

8.00

12.70

Crystalline Waveplate

10-5

[#85-075](#)

€262,00
Qty 6+ €212,00

3-4 days

λ/2

514.5

8.00

12.70

Crystalline Waveplate

10-5

[#85-083](#)

€262,00
Qty 6+ €212,00

Contact Us

λ/4

532

8.00

12.70

Crystalline Waveplate

10-5

[#85-076](#)

€262,00
Qty 6+ €212,00

3-4 days

λ/2

532

8.00

12.70

Crystalline Waveplate

10-5

[#85-084](#)

€262,00
Qty 6+ €212,00

In Stock

λ/4

632.8

8.00

12.70

Crystalline Waveplate

10-5

[#85-077](#)

€262,00
Qty 6+ €212,00

3-4 days

λ/2

632.8

8.00

12.70

Crystalline Waveplate

10-5

[#85-085](#)

€262,00
Qty 6+ €212,00

3-4 days

λ/2

1030

8.0

12.70

Crystalline Waveplate

10-5

[#16-887](#)

€432,00

Contact Us

λ/4

1030

8.0

12.70

Crystalline Waveplate

10-5

[#16-886](#)

€432,00

Contact Us

λ/4

1064

8.00

12.70

Crystalline Waveplate

10-5

[#85-078](#)

€262,00
Qty 6+ €212,00

3-4 days

λ/2

1064

8.00

12.70

Crystalline Waveplate

10-5

[#85-086](#)

€262,00
Qty 6+ €212,00

3-4 days

λ/4

266

15.00

25.40

Crystalline Waveplate

10-5

[#48-485](#)

€498,00
Qty 6+ €403,00

3-4 days

λ/2

266

15.00

25.40

Crystalline Waveplate

10-5

[#48-486](#)

€498,00
Qty 6+ €403,00

3-4 days

$\lambda/2$	302	15.00	25.40	Crystalline Waveplate	10-5	#35-132	€620,00 Qty 6+ €502,00	Contact Us
$\lambda/4$	343	>18.0	25.40	Crystalline Waveplate	10-5	#11-049	€498,00 Qty 6+ €403,00	3-4 days
$\lambda/2$	343	>18.0	25.40	Crystalline Waveplate	10-5	#11-048	€498,00 Qty 6+ €403,00	3-4 days
$\lambda/4$	355	15.00	25.40	Crystalline Waveplate	10-5	#46-548	€498,00 Qty 6+ €403,00	3-4 days
$\lambda/2$	355	15.00	25.40	Crystalline Waveplate	10-5	#46-549	€498,00 Qty 6+ €403,00	3-4 days
$\lambda/4$	405	20.00	25.40	Crystalline Waveplate	10-5	#14-297	€498,00 Qty 6+ €403,00	3-4 days
$\lambda/2$	405	20.00	25.40	Crystalline Waveplate	10-5	#14-296	€498,00 Qty 6+ €403,00	3-4 days
$\lambda/4$	488	15.00	25.40	Crystalline Waveplate	10-5	#46-550	€498,00 Qty 6+ €403,00	3-4 days
$\lambda/2$	488	15.00	25.40	Crystalline Waveplate	10-5	#46-551	€498,00 Qty 6+ €403,00	3-4 days
$\lambda/4$	514.5	15.00	25.40	Crystalline Waveplate	10-5	#43-692	€498,00 Qty 6+ €403,00	Contact Us
$\lambda/2$	514.5	15.00	25.40	Crystalline Waveplate	10-5	#43-693	€498,00 Qty 6+ €403,00	3-4 days
$\lambda/4$	532	15.00	25.40	Crystalline Waveplate	10-5	#43-696	€498,00 Qty 6+ €403,00	3-4 days
$\lambda/2$	532	15.00	25.40	Crystalline Waveplate	10-5	#43-697	€498,00 Qty 6+ €403,00	3-4 days
$\lambda/4$	632.8	15.00	25.40	Crystalline Waveplate	10-5	#43-700	€498,00 Qty 6+ €403,00	3-4 days
$\lambda/2$	632.8	15.00	25.40	Crystalline Waveplate	10-5	#43-701	€498,00 Qty 6+ €403,00	3-4 days
$\lambda/2$	670	15.00	25.40	Crystalline Waveplate	10-5	#46-553	€498,00 Qty 6+ €403,00	3-4 days
$\lambda/4$	780	15.00	25.40	Crystalline Waveplate	10-5	#46-410	€498,00 Qty 6+ €403,00	In Stock
$\lambda/2$	780	15.00	25.40	Crystalline Waveplate	10-5	#46-411	€498,00 Qty 6+ €403,00	In Stock
$\lambda/4$	800	15.00	25.40	Crystalline Waveplate	10-5	#46-554	€498,00 Qty 6+ €403,00	3-4 days
$\lambda/2$	800	15.00	25.40	Crystalline Waveplate	10-5	#46-555	€498,00 Qty 6+ €403,00	3-4 days

$\lambda/4$	830	15.00	25.40	Crystalline Waveplate	10-5	#46-412	€498,00 Qty 6+ €403,00	3-4 days
$\lambda/4$	980	15.00	25.40	Crystalline Waveplate	10-5	#46-556	€498,00 Qty 6+ €403,00	Contact Us
$\lambda/2$	980	15.00	25.40	Crystalline Waveplate	10-5	#46-557	€498,00 Qty 6+ €403,00	3-4 days
$\lambda/4$	1064	20.00	25.40	Crystalline Waveplate	10-5	#14-289	€498,00 Qty 6+ €403,00	3-4 days
$\lambda/2$	1064	20.00	25.40	Crystalline Waveplate	10-5	#14-288	€498,00 Qty 6+ €403,00	3-4 days
$\lambda/4$	1550	15.00	25.40	Crystalline Waveplate	10-5	#46-414	€498,00 Qty 6+ €403,00	3-4 days
$\lambda/2$	1550	15.00	25.40	Crystalline Waveplate	10-5	#46-415	€498,00 Qty 6+ €403,00	3-4 days
$\lambda/4$	355	15.00	25.40	Crystalline Waveplate	10-5	#48-473	€324,00 Qty 6+ €262,00	3-4 days
$\lambda/2$	355	15.00	25.40	Crystalline Waveplate	10-5	#48-474	€324,00 Qty 6+ €262,00	3-4 days
$\lambda/4$	532	15.00	25.40	Crystalline Waveplate	10-5	#43-694	€324,00 Qty 6+ €262,00	3-4 days
$\lambda/2$	532	15.00	25.40	Crystalline Waveplate	10-5	#43-695	€324,00 Qty 6+ €262,00	3-4 days
$\lambda/4$	632.8	15.00	25.40	Crystalline Waveplate	10-5	#43-698	€324,00 Qty 6+ €262,00	In Stock
$\lambda/2$	632.8	15.00	25.40	Crystalline Waveplate	10-5	#43-699	€324,00 Qty 6+ €262,00	In Stock
$\lambda/2$	1030	20.0	25.40	Crystalline Waveplate	20-10	#16-889	€498,00	3-4 days
$\lambda/4$	1030	20.0	25.40	Crystalline Waveplate	20-10	#16-888	€498,00	Contact Us
$\lambda/4$	1064	15.00	25.40	Crystalline Waveplate	10-5	#43-702	€324,00 Qty 6+ €262,00	3-4 days
$\lambda/2$	1064	15.00	25.40	Crystalline Waveplate	10-5	#43-703	€324,00 Qty 6+ €262,00	In Stock
$\lambda/4$	266	23.0	30.00	Crystalline Waveplate	10-5	#65-897	€655,00 Qty 6+ €530,00	3-4 days
$\lambda/4$	355	23.0	30.00	Crystalline Waveplate	10-5	#65-899	€655,00 Qty 6+ €530,00	3-4 days
$\lambda/2$	355	23.0	30.00	Crystalline Waveplate	10-5	#65-900	€655,00 Qty 6+ €530,00	3-4 days

λ/4	405	23.0	30.00	Crystalline Waveplate	10-5	#83-929	€655,00 Qty 6+ €530,00	3-4 days
λ/2	405	23.0	30.00	Crystalline Waveplate	10-5	#83-930	€655,00 Qty 6+ €530,00	3-4 days
λ/4	532	23.0	30.00	Crystalline Waveplate	10-5	#48-489	€655,00 Qty 6+ €530,00	3-4 days
λ/2	532	23.0	30.00	Crystalline Waveplate	10-5	#48-490	€655,00 Qty 6+ €530,00	3-4 days
λ/4	632.8	23.0	30.00	Crystalline Waveplate	10-5	#48-491	€655,00 Qty 6+ €530,00	3-4 days
λ/2	632.8	23.0	30.00	Crystalline Waveplate	10-5	#48-492	€655,00 Qty 6+ €530,00	Contact Us

[#48-493 Clearance](#)



Clearance

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

λ/4	800	23.0	30.00	Crystalline Waveplate	10-5	#65-905	€655,00 Qty 6+ €530,00	3-4 days
λ/2	800	23.0	30.00	Crystalline Waveplate	10-5	#65-906	€655,00 Qty 6+ €530,00	3-4 days
λ/2	1064	23.0	30.00	Crystalline Waveplate	10-5	#48-496	€655,00 Qty 6+ €530,00	Contact Us
λ/4	1550	23.0	30.00	Crystalline Waveplate	10-5	#65-911	€655,00 Qty 6+ €530,00	Contact Us
λ/2	266	23.0	30.00	Crystalline Waveplate	10-5	#65-914	€404,00 Qty 6+ €326,00	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		€252,95	3-4 days
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$\lambda/4$	532	23.0	30.00	Crystalline Waveplate	10-5	#48-479	€404,00 Qty 6+ €326,00	Contact Us
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$\lambda/2$	532	23.0	30.00	Crystalline Waveplate	10-5	#48-480	€404,00 Qty 6+ €326,00	3-4 days
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$\lambda/4$	632.8	23.0	30.00	Crystalline Waveplate	10-5	#48-481	€404,00 Qty 6+ €326,00	3-4 days
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$\lambda/2$	632.8	23.0	30.00	Crystalline Waveplate	10-5	#48-482	€404,00 Qty 6+ €326,00	Contact Us
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[#48-483 Clearance](#)



Clearance

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

$\lambda/4$	1064	23.0	30.00	Crystalline Waveplate	10-5		€252,95	3-4 days
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$\lambda/2$	1064	23.0	30.00	Crystalline Waveplate	10-5	#48-484	€404,00 Qty 6+ €326,00	3-4 days
$\lambda/4$	343	35.0	50.80	Crystalline Waveplate	20-10	#16-884	€1.640,00	3-4 days
$\lambda/2$	343	35.0	50.80	Crystalline Waveplate	20-10	#16-885	€1.640,00	3-4 days
$\lambda/4$	355	35.00	50.80	Crystalline Waveplate	20-10	#26-735	€1.640,00	Contact Us
$\lambda/2$	355	35.00	50.80	Crystalline Waveplate	20-10	#26-731	€1.640,00	3-4 days
$\lambda/4$	532	35.00	50.80	Crystalline Waveplate	20-10	#26-736	€1.640,00	3-4 days
$\lambda/2$	532	35.00	50.80	Crystalline Waveplate	20-10	#26-732	€1.640,00	3-4 days
$\lambda/4$	632.8	35.00	50.80	Crystalline Waveplate	20-10	#26-737	€1.640,00	Contact Us
$\lambda/2$	632.8	35.00	50.80	Crystalline Waveplate	20-10	#26-733	€1.640,00	3-4 days
$\lambda/4$	800	34.00	50.80	Crystalline Waveplate	10-5	#85-050	€1.640,00	Contact Us
$\lambda/2$	800	34.00	50.80	Crystalline Waveplate	10-5	#85-055	€1.640,00	3-4 days
$\lambda/4$	1030	35.0	50.80	Crystalline Waveplate	20-10	#16-890	€1.640,00	Contact Us
$\lambda/2$	1030	35.0	50.80	Crystalline Waveplate	20-10	#16-891	€1.640,00	3-4 days
$\lambda/4$	1064	35.00	50.80	Crystalline Waveplate	20-10	#26-738	€1.640,00	Contact Us
$\lambda/2$	1064	35.00	50.80	Crystalline Waveplate	20-10	#26-734	€1.640,00	3-4 days
$\lambda/4$	1550	35.0	50.80	Crystalline Waveplate	20-10	#16-892	€1.640,00	3-4 days
$\lambda/2$	1550	35.0	50.80	Crystalline Waveplate	20-10	#16-893	€1.640,00	Contact Us
$\lambda/4$	355	46.00	76.20	Crystalline Waveplate	10-5	#85-058	€2.495,00	3-4 days
$\lambda/2$	355	46.00	76.20	Crystalline Waveplate	10-5	#85-063	€2.495,00	3-4 days
$\lambda/4$	532	46.00	76.20	Crystalline Waveplate	10-5	#85-059	€2.495,00	Contact Us

$\lambda/2$	532	46.00	76.20	Crystalline Waveplate	10-5	#85-064	€2.495,00	3-4 days
$\lambda/4$	800	46.00	76.20	Crystalline Waveplate	10-5	#85-061	€2.495,00 Qty 6+ €2.020,00	3-4 days
$\lambda/4$	1064	46.00	76.20	Crystalline Waveplate	10-5	#85-062	€2.495,00	3-4 days



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