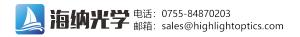


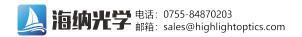
## POLARIZATION OPTICS PRODUCT LIST

Product list effective from 2023-05-01. Specifications are subject to change without prior notice. No responsibility for typing or print errors.

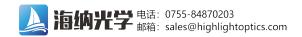
Item	Part Number	Description	Price
		Polarizers (Glan-Taylor, Thin-Film & Rochon)	
1.	PO-GTC-20-4	Glan-Taylor-Prism, calcite	contact us
		air-spaced, for high-power lasers, 320-2300 nm, aperture Ø20 mm,	
		4 polished exits, with housing Ø32x38 mm, no coating	
2.	PO-GTC-16-4	Glan-Taylor-Prism, calcite	contact us
		air-spaced, for high-power lasers, 320-2300 nm, aperture Ø16 mm,	
		4 polished exits, with housing Ø32x35 mm, no coating	
3.	PO-GTC-10-4	Glan-Taylor-Prism, calcite	contact us
		air-spaced, for high-power lasers, 320-2300 nm, aperture Ø10 mm,	
		with housing Ø25 mm, no coating	
4.	PO-GTC-10-	Glan-Taylor-Prism, calcite	contact us
	AR1064	air-spaced, for high-power lasers, 250-2300 nm, aperture Ø10 mm,	
		with housing Ø25 mm, AR-coated broadband 1064 nm	
5.	PO-GTC-6-FS-	Glan-Taylor-Prism, best optical quality calcite material,	contact us
	AR800	air-spaced, pulse broadening for 50 fs pulses at 800 nm: 2.4% only,	
		aperture Ø6.0 mm, with housing Ø15 mm, broadband AR-coating	
		760 to 840 nm	
6.	PO-GTB-10-4	Glan-Taylor-Prism, Alpha-BBO material	contact us
		air-spaced, <b>for high-power lasers</b> , 220-300 nm, aperture Ø10 mm,	
	DO 07D 45 4	in a housing Ø25.4*31 mm, with 2 lateral exits	
7.	PO-GTB-15-4	Glan-Taylor-Prism, Alpha-BBO material	contact us
		air-spaced, <b>for high-power lasers</b> , 220-300 nm, aperture Ø15 mm,	
0	DO OTD 00 4	in a housing Ø30*35 mm, with 2 lateral exits	44
8.	PO-GTB-20-4	Glan-Taylor-Prism, Alpha-BBO	contact us
		air-spaced, for high-power lasers, 220-300 nm, aperture Ø20 mm, in	
9.	PO-GTY-10-4	a housing Ø35*35 mm, with 2 lateral exits  Glan-Taylor-Prism, YVO4 material	contact us
9.	PO-G11-10-4	air-spaced, for high-power lasers, 500-4000 nm,	contact us
		aperture 10x10 mm, in a housing Ø25.4*25 mm, with 2 lateral exits	
10.	PO-GTY-15-4	Glan-Taylor-Prism, YVO4 material	contact us
10.	PO-G11-15-4	air-spaced, for high-power lasers, 500-4000 nm,	contact us
		aperture 15x15 mm, in a housing Ø30*32 mm, with 2 lateral exits	
11.	PO-RO-8-MGF	Rochon Polarizer, MgF <sub>2</sub> , Extinction Ratio <1x10 <sup>-5</sup>	contact us
11.	I O-IXO-0-IVIGI	broadband 150 - 6000 nm, aperture Ø8 mm, separation angle 1.8°	contact us
12.	PO-RO-B-10-	Rochon Polarizer, material: best VUV-quality MgF <sub>2</sub> , Extinction	contact us
12.	MGF	Ratio <1x10 <sup>-5</sup> , broadband 150 - 6000 nm, air-spaced for high power	contact us
	IVIGI	applications, internal surfaces at Brewster angle, aperture Ø10 mm,	
		separation angle @633 nm: 8.8 mrad, (0.5°), @193 nm: 9.1 mrad	
		(0.52°). Housing dimensions: Ø 25.0 mm, length 15.0 mm	



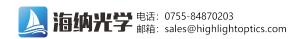
			21
13.	PO-RO-10-MGF	Rochon Polarizer, MgF <sub>2</sub> , Extinction Ratio <1x10 <sup>-5</sup>	contact us
		broadband 150 - 6000 nm, aperture Ø10 mm, separation angle 1.8°	
		Housing dimensions: Ø25.4 mm, length 31 mm	
14.	PO-RO-15-MGF	Rochon Polarizer, MgF <sub>2</sub> , Extinction Ratio <1x10 <sup>-5</sup>	contact us
		broadband 150 - 6000 nm, aperture Ø15 mm, separation angle 1.8°	
15.	PO-RO-20-MGF	Rochon Polarizer, MgF <sub>2</sub> , Extinction Ratio <1x10 <sup>-5</sup>	contact us
		broadband 150 - 6000 nm, aperture Ø20 mm, separation angle 1.8°	
16.	PO-RO-10-Q	Rochon Polarizer, quartz, Extinction Ratio <1x10 <sup>-5</sup> ,	contact us
		range 180 - 2800 nm, aperture Ø10 mm, separation angle 1.6°	
17.	PO-RO-15-Q	Rochon Polarizer, quartz, Extinction Ratio <1x10 <sup>-5</sup> ,	contact us
		range 180 - 2800 nm, aperture Ø15 mm, separation angle 1.6°	
18.	PO-RO-20-Q	Rochon Polarizer, quartz, Extinction Ratio <1x10 <sup>-5</sup> ,	contact us
10.	0 110 20 Q	range 180 - 2800 nm, aperture Ø20 mm, separation angle 1.6°	oomaat ac
19.	PO-RO-10-BBO	Rochon Polarizer, α-BBO, Extinction Ratio <1x10 <sup>-6</sup> ,	contact us
10.	I O NO 10 BBO	range 190 - 3500 nm, aperture Ø10 mm, separation angle 8°	oontaot ao
20.	PO-RO-15-BBO		contact us
20.	PO-RO-13-BBO	<b>Rochon Polarizer</b> , $\alpha$ -BBO, Extinction Ratio <1x10 <sup>-6</sup> ,	contact us
04	DO DO 00 DDO	range 190 - 3500 nm, aperture Ø15 mm, separation angle 8°	
21.	PO-RO-20-BBO	<b>Rochon Polarizer</b> , $\alpha$ -BBO, Extinction Ratio <1x10 <sup>-6</sup> ,	contact us
		range 190 - 3500 nm, aperture Ø20 mm, separation angle 8°	
22.	PO-RO-10-YVO	Rochon Polarizer, YVO4, Extinction Ratio <1x10 <sup>-5</sup> ,	contact us
		range 400 - 4000 nm, aperture Ø10 mm, separation angle 10°	
23.	PO-RO-15-YVO	Rochon Polarizer, YVO4, Extinction Ratio <1x10 <sup>-5</sup> ,	contact us
		range 400 - 4000 nm, aperture $\varnothing$ 15 mm, separation angle 10°	
24.	PO-RO-20-YVO	Rochon Polarizer, YVO4, Extinction Ratio <1x10 <sup>-5</sup> ,	contact us
		range 400 - 4000 nm, aperture Ø20 mm, separation angle 10°	
25.	PO-PBS-8	Polarizing Beamsplitting Cube,	contact us
		550-700 nm, aperture 8 mm diameter	
26.	PO-TFP-248-27-	Thin-Film Polarizer,	contact us
	50	248 nm, 27x50 mm, angle of incidence 57°	
27.	PO-TFP-266-27-	Thin-Film Polarizer,	contact us
	50	266 nm, 27x50 mm, angle of incidence 45°	
28.	PO-TFP-308-27-	Thin-Film Polarizer,	contact us
	50	308 nm, 27x50 mm, angle of incidence 57°	
29.	PO-TFP-1064-	Thin-Film Polarizer,	contact us
	27-12	1064 nm, 27x12 mm, angle of incidence 56°	
		Standard Waveplates & Components	
		Retardation accuracy: λ/300, surface quality: 20-10 scratch-digs,	
	DO 714/D 1 0 40	wavefront distortion: λ/10, beam deviation: max. 5 arcsec, AR-coated R<0.25%	
30.	PO-ZWP-L2-12 <b>-</b>	Zero-Order (λ/2) Waveplate,	contact us
	[WAVELENGTH]	optically contacted, AR-coated, aperture 12x12 mm, without holder	
		Wavelength, nm: Please specify [WAVELENGTH] in nm from the	
0.4	DO 714/D 1 0 0	following: 800, 914, 946, 1030, 1047, 1053, 1064, 1319, 1342, 1550	
31.	PO-ZWP-L2-6-	Zero-Order (λ/2) Waveplate,	contact us
	[WAVELENGTH]	optically contacted, AR-coated, aperture 6x6 mm, without holder	
		Wavelength, nm: Please specify [WAVELENGTH] in nm from the	
	DO 714/5 : : : :	following: 800, 914, 946, 1030, 1047, 1053, 1064, 1319, 1342, 1550	
32.	PO-ZWP-L4-12-	Zero-Order (λ/4) Waveplate,	contact us
	[WAVELENG [H]	optically contacted, AR-coated, aperture 12x12 mm, without holder	
		Wavelength, nm: Please specify [WAVELENGTH] in nm from the	
		following: 800, 914, 946, 1030, 1047, 1053, 1064, 1319, 1342, 1550	



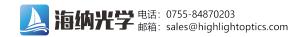
33.	PO-ZWP-L4-6-	Zero-Order (λ/4) Waveplate,	contact us
	[WAVELENGTH]	optically contacted, AR-coated, aperture 6x6 mm, without holder	
		Wavelength, nm: Please specify [WAVELENGTH] in nm from the	
		following: 800, 914, 946, 1030, 1047, 1053, 1064, 1319, 1342, 1550	
34.	PO-ZWP-DW-	Zero-Order DUAL-WAVELENGTH Phase Retardation Plate,	contact us
	2/1-12-	best for tripling arrangements of CW to femtosecond lasers,	
	[WAVELENGTH]	retardation for fundamental <b>F</b> : λ/2 (half-wave),	
		for second-harmonic <b>SH</b> : λ/1 (full-wave),	
		optically contacted, AR-coated, aperture 12x12 mm, without holder	
		Fundamental wavelength, nm:	
		Please specify fundamental [WAVELENGTH] in nm from the	
		following: 800, 914, 946, 1030, 1047, 1053, 1064, 1319, 1342, 1550	
35.	PO-ZWP-DW-	Zero-Order DUAL-WAVELENGTH Phase Retardation Plate,	contact us
	2/1-6-	best for tripling arrangements of CW to femtosecond lasers,	
	[WAVELENGTH]	retardation for fundamental <b>F</b> : λ/2 (half-wave),	
		for second-harmonic <b>SH</b> : λ/ <b>1</b> (full-wave),	
		optically contacted, AR-coated, aperture 6x6 mm, without holder	
		Fundamental wavelength, nm:	
		Please specify fundamental [WAVELENGTH] in nm from the	
		following: 800, 914, 946, 1030, 1047, 1053, 1064, 1319, 1342, 1550	
36.	PO-ZWP-DW-	Zero-Order DUAL-WAVELENGTH Phase Retardation Plate,	contact us
	4/2-12-	best for tripling arrangements of CW to femtosecond lasers,	
	[WAVELENGTH]	retardation for fundamental <b>F</b> : λ/ <b>4</b> (quarter-wave),	
		for second-harmonic <b>SH</b> : λ/ <b>2</b> (half-wave),	
		optically contacted, AR-coated, aperture 12x12 mm, without holder	
		Fundamental wavelength, nm:	
		Please specify fundamental [WAVELENGTH] in nm from the	
		following: 800, 914, 946, 1030, 1047, 1053, 1064, 1319, 1342, 1550	
37.	PO-ZWP-DW-	Zero-Order DUAL-WAVELENGTH Phase Retardation Plate,	contact us
	4/2-6-	best for tripling arrangements of CW to femtosecond lasers,	
	[WAVELENGTH]	retardation for fundamental <b>F</b> : λ/ <b>4</b> (quarter-wave),	
		for second-harmonic <b>SH</b> : λ/ <b>2</b> (half-wave),	
		optically contacted, AR-coated, aperture 6x6 mm, without holder	
		Fundamental wavelength, nm:	
		Please specify fundamental [WAVELENGTH] in nm from the	
		following: 800, 914, 946, 1030, 1047, 1053, 1064, 1319, 1342, 1550	
38.	PO-WP-HOL-25-	Holder for the Zero-Order Waveplates,	contact us
	11	aperture 11 mm, diameter 25.4 mm, black anodized aluminum	
39.	PO-WP-HOL-25-	Holder for the Zero-Order Waveplates,	contact us
	6	aperture 6 mm, diameter 25.4 mm, black anodized aluminum	
40.	PO-LWP-L4-	Low-Order Quarter-Wave (λ/4) Waveplate,	contact us
чо.	1064-10	1064 nm, AR/AR, quartz, aperture Ø10 mm, in a holder Ø25 mm	oornaat as
11	PO-LWP-L4-		contact up
41.	1064-25	Low-Order Quarter-Wave (λ/4) Waveplate,	contact us
40		1064 nm, AR/AR, quartz, aperture Ø25.4 mm, without holder	
42.	PO-LWP-L2-	Low-Order Half-Wave (λ/2) Waveplate,	contact us
	1064-10	1064 nm, AR/AR, quartz, aperture Ø10 mm, in a holder Ø25 mm	
43.	PO-LWP-L2-	Low-Order Half-Wave (λ/2) Waveplate,	contact us
	1064-25	1064 nm, AR/AR, quartz, aperture Ø25.4 mm, without holder	
44.	PO-LWP-L4-532-	Low-Order Quarter-Wave (λ/4) Waveplate,	contact us
	10	532 nm, AR/AR, quartz, aperture Ø10 mm, in a holder Ø25 mm	



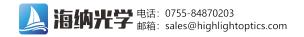
		,	
45.	PO-LWP-L4-532- 25	Low-Order Quarter-Wave (λ/4) Waveplate, 532 nm, AR/AR, quartz, aperture Ø25.4 mm, without holder	contact us
46.	PO-LWP-L2-532- 10	Low-Order Half-Wave (\(\lambda\lambda\)2) Waveplate, 532 nm, AR/AR, quartz, aperture Ø10 mm, in a holder Ø25 mm	contact us
47.		Low-Order Half-Wave (\(\lambda\lambda\)) Waveplate, 532 nm, AR/AR, quartz, aperture \(\varrho\)25.4 mm, without holder	contact us
48.	PO-DWP-H1064- F532-10		contact us
49.	PO-DWP-H532- F1064-10	<b>Low-Order Dual Waveplate</b> , half-wave ( $\lambda$ /2) 532 nm, full-wave ( $\lambda$ /1) 1064 nm, AR/AR, quartz, aperture Ø10 mm, in a holder Ø25 mm	contact us
50.	PO-DWP-H1064- F532-25	<b>Low-Order Dual Waveplate</b> , half-wave ( $\lambda$ /2) 1064 nm, full-wave ( $\lambda$ /1) 532 nm, AR/AR, quartz, aperture Ø25.4 mm, without holder	contact us
51.	PO-DWP-H532- F1064-25	<b>Low-Order Dual Waveplate</b> , half-wave ( $\lambda$ /2) 532 nm, full-wave ( $\lambda$ /1) 1064 nm, AR/AR, quartz, aperture Ø25.4 mm, without holder	contact us
52.	M-WP-25-360	Rotation Holder for Waveplates, in mount 25 mm, scale 360°, division 5°, dimensions 40x40 mm	contact us
53.	PO-FR-16	Fresnel-Rhomb, aperture 16x16 mm, glass BK7, application as achromatic quarter-wave (\(\lambda/4\)) waveplate	contact us
54.	PO-FR-16-H	Fresnel-Rhomb, aperture 16x16 mm, glass BK7, application as achromatic quarter-wave (λ/4) waveplate, mounted in a holder	contact us
55.	PO-FRZN-10	Fresnel-Rhomb, material <b>ZnSe</b> , aperture 10x10 mm, application as achromatic quarter-wave ( $\lambda/4$ ) waveplate for far infrared, standard AR-coating for 10.6 µm	contact us
		Tunable Zero-Order Phase Retardation Plates Replace many conventional waveplates! Mounted in the special tilt/rotation holder	
56.	PO-TWP-L4-12- UVIR	Tunable Zero-Order Quarter-Wave (λ/4) Phase Retardation Plate, aperture Ø11 mm, thickness 2.0 mm, range 150-6000 nm, uncoated, replaces many conventional waveplates! Mounted in the special tilt/rotation holder. The holder is included.	contact us
57.	PO-TWP-L4-25- UVIR	<b>Tunable Zero-Order Quarter-Wave (λ/4) Phase Retardation Plate</b> , aperture Ø24 mm, thickness 2.0 mm range 150-6000 nm, uncoated, replaces many conventional waveplates! <i>Mounted in the special tilt/rotation holder. The holder is included.</i>	contact us
58.	PO-TWP-L4-25- IR	Tunable Zero-Order Quarter-Wave (λ/4) Phase Retardation Plate, aperture Ø24 mm, thickness 5.0 mm range 500-6500 nm, uncoated, replaces many conventional waveplates! Mounted in the special tilt/rotation holder. The holder is included. Please use PO-TWP-L4-25-UVIR for femtosecond pulse duration applications.	contact us
59.	PO-TWP-L2-12- UVIR	Tunable Zero-Order Half-Wave (λ/2) Phase Retardation Plate, aperture Ø11 mm, thickness 2.5 mm, range 150-6000 nm, uncoated, replaces many conventional waveplates! Mounted in the special tilt/rotation holder. The holder is included.	contact us



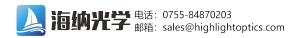
60.	PO-TWP-L2-25- UVIR	Tunable Zero-Order Half-Wave (λ/2) Phase Retardation Plate, aperture Ø24 mm, thickness 2.5 mm, range 150-6000 nm, uncoated, replaces many conventional waveplates! <i>Mounted in the special tilt/rotation holder. The holder is included.</i>	contact us
61.	PO-TWP-L2-12- IR	Tunable Zero-Order Half-Wave (λ/2) Phase Retardation Plate, aperture Ø11 mm, thickness 2.5 mm, optimized for the range 500-6500 nm, replaces many conventional waveplates! <i>Mounted in the special tilt/rotation holder. The holder is included.</i>	contact us
62.	PO-TWP-L2-25-IR	Tunable Zero-Order Half-Wave (λ/2) Phase Retardation Plate, aperture Ø24 mm, optimized for the range 500-6500 nm, thickness 5 mm, replaces many conventional waveplates! <i>Mounted in the special tilt/rotation holder. The holder is included. Please use PO-TWP-L2-25-UVIR for femtosecond pulse duration applications.</i>	contact us
63.	PO-TWP-L4-25- FIR	<b>Tunable Zero-Order Quarter-Wave (λ/4) Phase Retardation Plate</b> , aperture Ø24 mm, range 1-19 μm, uncoated, replaces many conventional waveplates! <i>Mounted in the special tilt/rotation holder. The holder is included.</i>	contact us
64.	PO-TWP-L2-25- FIR	Tunable Zero-Order Half-Wave (λ/2) Phase Retardation Plate, aperture Ø24 mm, range 1-19 μm, uncoated, replaces many conventional waveplates! <i>Mounted in the special tilt/rotation holder. The holder is included.</i>	contact us
		Tunable Zero-Order Waveplates with Adjustable Phase Retardation & Special Function Waveplates	
65.	PO-TWP-MP-12- UV		contact us
66.	PO-TWP-MP-25- UV		contact us
67.	PO-TWP-MP-12- IR		contact us
68.	PO-TWP-MP-25- IR	Tunable Phase Retardation Plate - MULTIPHASE, retardation adjustable 0 - λ (0 to full-wave), range 2000-6500 nm, aperture Ø24 mm, thickness 5 mm, may replace Soleil-Babinet compensator! <i>Mounted in the special tilt/rotation holder (included)</i> .	contact us
69.	PO-TWP-MP-25- UVIR	Tunable Phase Retardation Plate - MULTIPHASE, retardation adjustable 0 - λ (0 to full-wave), range 150-3000 nm, aperture Ø24 mm, thickness 5 mm, may replace Soleil-Babinet compensator! <i>Mounted in the special tilt/rotation holder (included)</i>	contact us
70.	PO-TWP-DW- 2/1-12-UV	Tunable True-Zero-Order DUAL-WAVELENGTH Phase Retardation Plate DUAL-WAVE®, best for tripling arrangements of CW to femtosecond lasers, retardation for fundamental: λ/2 (half-wave), for SH: λ/1 (full-wave), adjustable in the range 300-3000 nm (fundamental), aperture Ø11 mm, patent pending. Mounted in the special tilt/rotation holder (included)	contact us



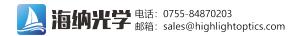
<ul> <li>PO-TWP-DW- 4/2-12-UVIR</li> <li>Tunable True-Zero-Order DUAL-WAVELENGTH Phase Retardation Plate DUAL-WAVE®, best for polarization cont CW to femtosecond lasers, retardation for fundamental: λ/4 (quarter-wave), for SH: λ/2 (half-wave), adjustable in the rang 6000 nm, aperture Ø11 mm, patent pending. Mounted in the special tilt/rotation holder (included)</li> <li>PO-TWP-DW-</li> <li>Tunable True-Zero-Order DUAL-WAVELENGTH Phase</li> </ul>	
CW to femtosecond lasers, retardation for fundamental: λ/4 (quarter-wave), for SH: λ/2 (half-wave), adjustable in the range 6000 nm, aperture Ø11 mm, patent pending.  Mounted in the special tilt/rotation holder (included)  72. PO-TWP-DW-  Tunable True-Zero-Order DUAL-WAVELENGTH Phase	
<ul> <li>(quarter-wave), for SH: λ/2 (half-wave), adjustable in the range 6000 nm, aperture Ø11 mm, patent pending.         <i>Mounted in the special tilt/rotation holder (included)</i></li> <li>72. PO-TWP-DW-</li> <li>Tunable True-Zero-Order DUAL-WAVELENGTH Phase</li> </ul>	450
6000 nm, aperture Ø11 mm, patent pending.  Mounted in the special tilt/rotation holder (included)  72. PO-TWP-DW-  Tunable True-Zero-Order DUAL-WAVELENGTH Phase	
Mounted in the special tilt/rotation holder (included)  72. PO-TWP-DW- Tunable True-Zero-Order DUAL-WAVELENGTH Phase	ge 150-
72. PO-TWP-DW- Tunable True-Zero-Order DUAL-WAVELENGTH Phase	
10/4 OF LIV/ Detendation Dista Dista Dista NAVE@ beat for twicking a super year	contact us
2/1-25-UV Retardation Plate DUAL-WAVE®, best for tripling arrangem	
CW to femtosecond lasers, retardation for fundamental: $\lambda/2$ (	`
wave), for SH: $\lambda/1$ (full-wave) adjustable in the range 300 -30	000 nm
(fundamental), aperture Ø24 mm, patent pending.	
Mounted in the special tilt/rotation holder (included)	
73. PO-TWP-DW- Tunable True-Zero-Order DUAL-WAVELENGTH Phase	contact us
4/2-25-UVIR Retardation Plate DUAL-WAVE®, best for polarization cont	IOI OI
CW to femtosecond lasers, retardation for fundamental: $\lambda/4$	450
(quarter-wave), for SH: $\lambda/2$ (half-wave) adjustable in the range	je 150-
6000 nm, aperture Ø24 mm, patent pending.	
Mounted in the special tilt/rotation holder (included)	
74. PO-TWP-DW- 2/1-12-IR Tunable True-Zero-Order DUAL-WAVE®, best for trippling arrange	contact us
11 3 3	
of CW to femtosecond lasers, retardation for fundamental: $\lambda I$	`
wave), for SH: $\lambda/1$ (full-wave), adjustable in the range 2000-6	
nm, aperture Ø11 mm, patent pending. Mounted in the speci	ai
tilt/rotation holder ((included).  75. PO-TWP-DW- Tunable True-Zero-Order DUAL-WAVELENGTH Phase	contact us
2/1-25-IR Retardation Plate DUAL-WAVE®, best for trippling arrange	
of CW to femtosecond lasers, retardation for fundamental: $\lambda I$	
wave), for SH: $\lambda$ /1 (full-wave), adjustable in the range 2000-6	`
nm, aperture Ø24 mm, patent pending.	5500
Mounted in the special tilt/rotation holder (included).	
76. PO-ZWP-L4-800- True-Zero-Order λ/4 Plate,	contact us
12-AR thickness 2 mm, specially developed for fs-Ti:Sapphire,	Contact us
AR/AR 400-820 nm, aperture Ø11 mm.	
Mounted in the special tilt/rotation holder (included).	
<ul> <li>77. PO-ZWP-L2-800- True-Zero-Order λ/2-Plate,</li> </ul>	contact us
12-AR thickness 2 mm, specially developed for fs-Ti:Sapphire,	Contact us
AR/AR 400-820 nm, aperture Ø11 mm.	
Mounted in the special tilt/rotation holder (included).	
78. PO-ZWP-L4-800- True-Zero-Order λ/4 Plate,	contact us
25-AR thickness 2 mm, specially developed for fs-Ti:Sapphire,	Contact us
AR/AR 400-820 nm, aperture Ø24 mm.	
Mounted in the special tilt/rotation holder (included).	
<ul> <li>79. PO-ZWP-L2-800- True-Zero-Order λ/2 Plate,</li> </ul>	contact us
25-AR thickness 2 mm, specially developed for fs-Ti:Sapphire,	Contact us
AR/AR 400-820 nm, aperture Ø24 mm.	
Mounted in the special tilt/rotation holder (included).	
80. PO-ZWP-L4- True-Zero-Order λ/4 Plate,	contact us
1064-16-AR MgF <sub>2</sub> , tunable AR/AR@1064, aperture Ø16 mm, suitable for	
TIVEL TV ALE TRICES, LUCIONE PLACE ALCOHOLE VITO HILL SUITABLE IOL	
Nd:YAG, Nd:YLF, Nd:Glass picosecond and femtosecond la	



81.	PO-ZWP-L2-	True-Zero-Order λ/2-Plate,	contact us
01.	1064-16-AR	MgF <sub>2</sub> , tunable AR/AR@1064, aperture Ø16 mm, suitable for	Contact d3
	100110741	Nd:YAG, Nd:YLF, Nd:Glass picosecond and femtosecond lasers.	
		Mounted in the special tilt/rotation holder (included).	
		NEW! 90° Polarization Rotator for the Infrared	
82.	PR1-90-FIR	90° polarization rotator and 90° reflector Type 1,	contact us
02.	1 1(1-50-1 11(	rotates the plane of polarization at 90° of horizontally or vertically	contact us
		polarized light, in arrangement like for half-wave ( $\lambda$ 2) delay.	
		Polarization plane rotation: 90°. Beam direction change at 90°.	
		Beam height displacement: 20 mm. Aperture diameter: 10 mm.	
		Wavelength range: 1 μm 14 μm.	
		High-power applications up to 100 W with beam diameter > 8 mm.	
		Dimensions (Width*Height*Length): 30(W)*50(H)*30(L) mm³	
83.	PR2-90-FIR	90° polarization rotator Type 2,	contact us
00.	1112 00 1111	rotates the plane of polarization at 90° of horizontally or vertically	oomaat aa
		polarized light in an arrangement like for half-wave ( $\lambda$ /2) delay.	
		Polarization plane rotation: 90°. Beam direction not changed.	
		Beam displacement: vertical and horizontal 20 mm each.	
		Aperture diameter: 10 mm. Wavelength range: 1 µm 14 µm.	
		High-power applications up to 100 W with beam diameter > 8 mm.	
		Dimensions (Width*Height*Length): 50(W)*50(H)*30(L) mm³	
		NEW! Birefringent plates for Lyot filters	
		Crystal quartz or MgF <sub>2</sub>	
		Unmounted and optionally coated	
		Diameter: 1" or 25.4 mm	
84.	PO-QBF-0.5	Crystal quartz birefringent plate,	contact us
		thickness 0.5 mm, diameter 25.4 mm	
		Uncoated, use intracavity at Brewster angle	
0=	DO 005 4	Transmission range: 200 nm to 2700 nm	
85.	PO-QBF-1	Crystal quartz birefringent plate,	contact us
		thickness 1 mm, diameter 25.4 mm	
		Uncoated, use intracavity at Brewster angle	
06	DO ODE 4.5	Transmission range: 200 nm to 2700 nm	a a m t a at
86.	PO-QBF-1.5	Crystal quartz birefringent plate,	contact us
		thickness 1.5 mm, diameter 25.4 mm	
		Uncoated, use intracavity at Brewster angle	
0.7	DO ODE O	Transmission range: 200 nm to 2700 nm	
87.	PO-QBF-2	Crystal quartz birefringent plate, thickness 2 mm, diameter 25.4 mm	contact us
		,	
		Uncoated, use intracavity at Brewster angle	
00	DO ORE 2.5	Transmission range: 200 nm to 2700 nm	contact up
88.	PO-QBF-2.5	Crystal quartz birefringent plate, thickness 2.5 mm, diameter 25.4 mm	contact us
		Uncoated, use intracavity at Brewster angle	
89.	PO-QBF-3	Transmission range: 200 nm to 2700 nm	contact us
ο <del>у</del> .	FU-QDF-3	Crystal quartz birefringent plate,	contact us
		thickness 3 mm, diameter 25.4 mm	
		Uncoated, use intracavity at Brewster angle	
	1	Transmission range: 200 nm to 2700 nm	



90.	PO-QBF-5	Crystal quartz birefringent plate,	contact us
30.	r O-QDI -5	thickness 5 mm, diameter 25.4 mm	Contact us
		Uncoated, use intracavity at Brewster angle	
		Transmission range: 200 nm to 2700 nm	
91.	PO-QBF-6	Crystal quartz birefringent plate,	contact us
•		thickness 6 mm, diameter 25.4 mm	551114151 415
		Uncoated, use intracavity at Brewster angle	
		Transmission range: 200 nm to 2700 nm	
92.	PO-QBF-7	Crystal quartz birefringent plate,	contact us
		thickness 7 mm, diameter 25.4 mm	
		Uncoated, use intracavity at Brewster angle	
		Transmission range: 200 nm to 2700 nm	
93.	PO-QBF-8	Crystal quartz birefringent plate,	contact us
		thickness 8 mm, diameter 25.4 mm	
		Uncoated, use intracavity at Brewster angle	
		Transmission range: 200 nm to 2700 nm	
94.	PO-QBF-10	Crystal quartz birefringent plate,	contact us
		thickness 10 mm, diameter 25.4 mm	
		Uncoated, use intracavity at Brewster angle	
		Transmission range: 200 nm to 2700 nm	
95.	PO-QBF-AR	Optional AR-coating for crystal quartz birefringent plates	contact us
96.	PO-MBF-0.5	MgF <sub>2</sub> birefringent plate,	contact us
		thickness 0.5 mm, diameter 25.4 mm	
		Uncoated, use intracavity at Brewster angle	
		Transmission range: 150 nm to 6000 nm	
97.	PO-MBF-1	MgF <sub>2</sub> quartz birefringent plate,	contact us
		thickness 1 mm, diameter 25.4 mm	
		Uncoated, use intracavity at Brewster angle	
		Transmission range: 150 nm to 6000 nm	
98.	PO-MBF-1.5	MgF <sub>2</sub> quartz birefringent plate,	contact us
		thickness 1.5 mm, diameter 25.4 mm	
		Uncoated, use intracavity at Brewster angle	
		Transmission range: 150 nm to 6000 nm	
99.	PO-MBF-2	MgF <sub>2</sub> quartz birefringent plate,	contact us
		thickness 2 mm, diameter 25.4 mm	
		Uncoated, use intracavity at Brewster angle	
		Transmission range: 150 nm to 6000 nm	
100.	PO-MBF-2.5	MgF <sub>2</sub> quartz birefringent plate,	contact us
		thickness 2.5 mm, diameter 25.4 mm	
		Uncoated, use intracavity at Brewster angle	
		Transmission range: 150 nm to 6000 nm	
101.	PO-MBF-3	MgF <sub>2</sub> quartz birefringent plate,	contact us
		thickness 3 mm, diameter 25.4 mm	
		Uncoated, use intracavity at Brewster angle	
		Transmission range: 150 nm to 6000 nm	
102.	PO-MBF-5	MgF <sub>2</sub> quartz birefringent plate,	contact us
		thickness 5 mm, diameter 25.4 mm	
		Uncoated, use intracavity at Brewster angle	
		Transmission range: 150 nm to 6000 nm	



103.	PO-MBF-6	MgF <sub>2</sub> quartz birefringent plate,	contact us
		thickness 6 mm, diameter 25.4 mm	
		Uncoated, use intracavity at Brewster angle	
		Transmission range: 150 nm to 6000 nm	
104.	PO-MBF-8	MgF <sub>2</sub> quartz birefringent plate,	contact us
		thickness 8 mm, diameter 25.4 mm	
		Uncoated, use intracavity at Brewster angle	
		Transmission range: 150 nm to 6000 nm	
105.	PO-MBF-10	MgF <sub>2</sub> quartz birefringent plate,	contact us
		thickness 10 mm, diameter 25.4 mm	
		Uncoated, use intracavity at Brewster angle	
		Transmission range: 150 nm to 6000 nm	
106.	PO-MBF-AR	Optional AR-coating for MgF <sub>2</sub> birefringent plates	contact us