

For current pricing, please see our website.

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Multi-Order Wave Plates: Ø24 mm Clear Aperture



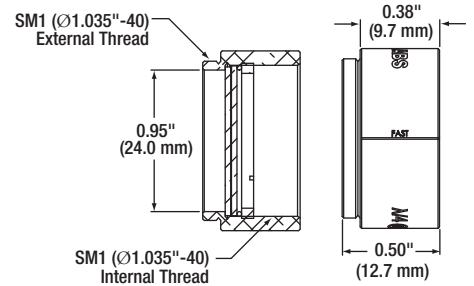
WPMH10M-633

Specifications

- **Material:** Crystal Quartz
- **Diameter**
 - 25.4 mm ± 0.1 mm (Unmounted)
 - 30.5 mm (Mounted)
- **Retardance Accuracy:** $\lambda/300$
- **Beam Deviation (Max):** <math>< 10</math> arcsec
- **Clear Aperture:** Ø0.89" (Ø22.6 mm)
- **Transmitted Wavefront Error:** <math>< \lambda/4</math> @ 633 nm
- **Surface Quality:** 20-10 Scratch-Dig
- **Damage Threshold, WPQM10-1064:** 10 J/cm² @ 1064 nm, 10 ns, Ø0.433 mm*
- **AR Coated:** <math>< 0.25\%</math> Per Surface

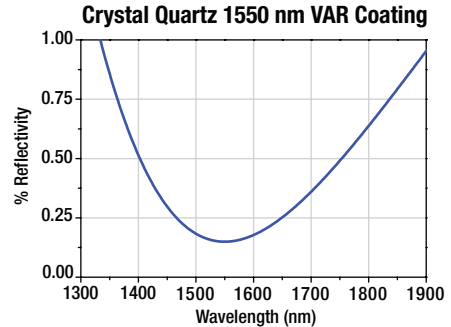
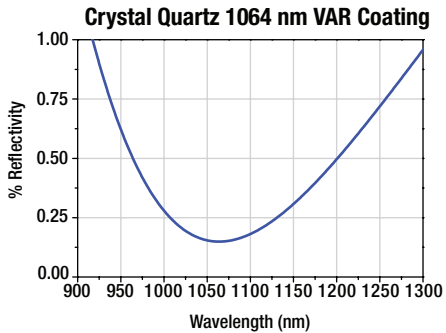
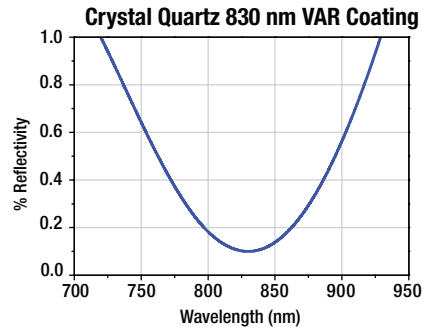
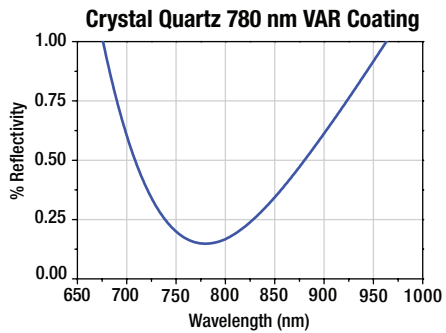
* Additional Damage Threshold specifications are available on our website.

Our ten most popular Ø1/2" multi-order wave plates are now being offered in a larger clear aperture version by utilizing Ø1" substrates. The wave plate is mounted in an engraved SM1 mount with the fast axis aligned to an engraved witness mark. The internal and external SM1 threads are useful for integrating the wave plate into Thorlabs' optomechanics.



Thorlabs provides quality OEM components at volume discounted prices. Please email optics@thorlabs.com.

Sample AR Coating Plots



Additional coating curves available at www.thorlabs.com

Mounted Multi-Order Wave Plates*

QUARTER-WAVE PLATE ITEM #	HALF-WAVE PLATE ITEM #	\$	£	€	RMB	AR COATING
NEW WPMQ10M-355	WPMH10M-355	\$ 304.00	£ 218.88	€ 264.48	¥ 2,422.88	355 nm
NEW WPMQ10M-405	WPMH10M-405	\$ 304.00	£ 218.88	€ 264.48	¥ 2,422.88	405 nm
NEW WPMQ10M-488	WPMH10M-488	\$ 304.00	£ 218.88	€ 264.48	¥ 2,422.88	488 nm
WPMQ10M-532	WPMH10M-532	\$ 304.00	£ 218.88	€ 264.48	¥ 2,422.88	532 nm
WPMQ10M-633	WPMH10M-633	\$ 304.00	£ 218.88	€ 264.48	¥ 2,422.88	633 nm
WPMQ10M-780	WPMH10M-780	\$ 304.00	£ 218.88	€ 264.48	¥ 2,422.88	780 nm
NEW WPMQ10M-808	WPMH10M-808	\$ 304.00	£ 218.88	€ 264.48	¥ 2,422.88	808 nm
NEW WPMQ10M-830	WPMH10M-830	\$ 304.00	£ 218.88	€ 264.48	¥ 2,422.88	830 nm
WPMQ10M-1064	WPMH10M-1064	\$ 304.00	£ 218.88	€ 264.48	¥ 2,422.88	1064 nm
WPMQ10M-1550	WPMH10M-1550	\$ 304.00	£ 218.88	€ 264.48	¥ 2,422.88	1550 nm

*The wave plate can be removed from the SM1-threaded mounting cell. The outer diameter of the unmounted wave plate is 25.4 mm.