

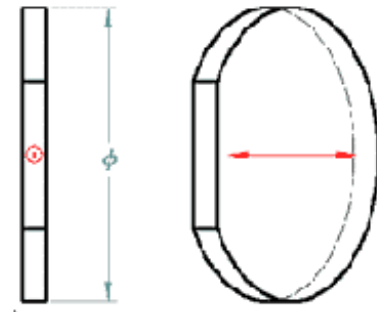
# Low Order Waveplates

## Description

Advanced(AD) Photonics can provide low cost crystal quartz products with high quality, based on manufacturing facility in China. We can make quartz waveplates, achromatic waveplates, polarization rotators, optical isolators and quartz depolarizers.

## Low Order Waveplates Specifications

- Material: Crystal Quartz
- Surface quality: 20/10 scratch and dig
- Wavefront distortion:  $\lambda / 8 @ 632.8\text{nm}$
- Dimensions Tolerance: +0.0, -0.2mm
- Retardation tolerance:  $\lambda / 500$
- Wavelength Range: 240-2100nm
- Parallelism: 1 arc sec
- AR coating:  $R < 0.2\%$  per surface at center wavelength



## Order Information

- Part No. — Retardation — Wavelength
- For example: QWP202-1/4-632.8 for  $\phi 12.7\text{mm}$ , 632.8nm  $\lambda / 4$ , AR coated low order waveplate
- Recommend Standard wavelength: 532, 632.8, 650, 780, 850, 1064, 1310 and 1550nm

	Uncoated	Coated
$\Phi$ (mm)	Part No.	Part No.
10.0	QWP101	QWP201
12.7	QWP102	QWP202
15.0	QWP103	QWP203
20.0	QWP104	QWP204
25.4	QWP105	QWP205

## AD Photonics

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## Product Information

- Low price and high quality
- Delivery time: 4~5 weeks
- We accept small and large quantity order