

# True Zero 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.

## Cemented True Zero Order Waveplates Specifications

- Material: Crystal Quartz/BK7
- 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: 400-2100nm
- Parallelism: 1 arc sec
- AR coating: R<0.2% per surface at center wavelength

	Uncoated	AR Coated
$\Phi$ (mm)	Part No.	Part No.
10.0	QTW101	QTW201
12.7	QTW102	QTW202
15.0	QTW103	QTW203
20.0	QTW104	QTW204
25.4	QTW105	QTW205

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- Wavefront distortion:  $\lambda / 8 @ 632.8\text{nm}$
- Dimensions Tolerance: +0.0, -0.2mm
- Retardation tolerance:  $\lambda / 500$
- Wavelength Range: 1000-2100nm
- Parallelism: 1 arc sec
- AR coating: R<0.2% per surface at center wavelength

	Uncoated	AR Coated
$\Phi$ (mm)	Part No.	Part No.
10.0	QSW101	QSW201
12.7	QSW102	QSW202
15.0	QSW103	QSW203
20.0	QSW104	QSW204
25.4	QSW105	QSW205

## AD Photonics

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## Product Information

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