

- Material: Quartz
- Scratch & Dig: 40/20~10/5
- Transmitted Wavefront Distortion: $\lambda/2 \sim \lambda/8$
- Parallelism: 3arc Sec~1 arc Sec
- Retardation Tolerance: $< \lambda/300$
- Coating: AR coated at Customed wavelength

When you order the waveplates, you need to know the following important parameters:

- 1) What is the wavelength?
- 2) What is the retardance? Half waveplates or quarter waveplates or some special type?
- 3) What is the order?

Low order.

Zero Order, which zero order is separated to

- Cemented Zero Order
- True Zero Order
- Air Spaced Zero Order
- Optical Contacted Zero Order
- Cemented True Zero Order

The difference for the different order waveplates:

Low order compared Zero Order, Zero order have more broad wavelength and temperature and angle bandwidth.

For Zero order

True zero order and Air Spaced and Optical Contacted type have large damage threshold. But True zero and Optical Contacted type are more difficult to produce.

Cemented type has low damage threshold.