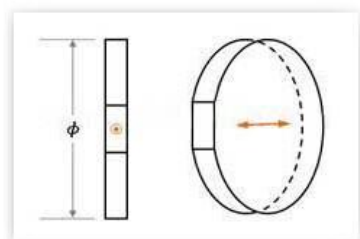


Low Order Waveplates

Low(multiple) order waveplates or retarders are designed to give a retardance of several full waves, plus the desired fraction. This result in a single, physically robust component with desired performance. However, even small changed in wavelength or temperature will result in significant changes in the desired fractional retardance. They are less expensive and find use in many applicatios where the increased sensitivities are not an important.

Hangzhou Shalom EO offers the custom **low order waveplates** or retarders upon customer's request, and the stocked modules are also available in fast delivery and low cost.



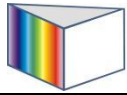
Modules Wavelength:

Standard Wavelength:

355nm, 532nm, 632.8nm, 780nm, 808nm, 850nm, 980nm, 1064nm, 1310nm, 1480nm, 1550nm.

Quarter Waveplates P/N#	Half Waveplates P/N#	Diameter (mm)
WPL410	WPL210	10
WPL412	WPL212	12.7
WPL415	WPL215	15
WPL420	WPL220	20
WPL425	WPL225	25
WPL430	WPL230	30

Call for OEM quantity pricing.



SPECIFICATIONS

Specifications	
Material	Quartz
Wavelength Range	200~2300 nm,
Dimension Tolerance	+/-0.1mm
Surface Quality	20 / 10
Parallelism	<1 arc Sec
Retardation Tolerance	< $\lambda/300$
Clear Aperture	>90%
Damage Threshold	>500 MW/cm ²
Coating	AR coating
Mount	Black Anodized Aluminium