

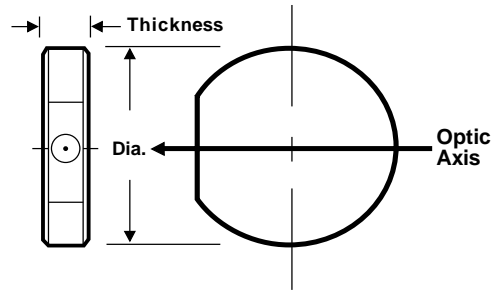
Dual Wavelength Waveplates



Diameter (mm)

Specifications:

Material	Crystal quartz
Parallelism	Less than 0.5 arc seconds
Surface Quality	10/5
Retardation Tolerance	1/300
Transmitted Wavefront	1/10
Diameter Tolerance	+ .000", - .005"
Clear Aperture	Central 90% of diameter



Optic axis is normal to flat on plate
(plate app. 1 mm thick)

Diameter (mm)				
Wavelength (nm)	10 mm	15 mm	20 mm	30 mm
1/4 488.0 & 1/4 514.5	WCQ488/515-39	WCQ488/515-59	WCQ488/515-78	WCQ488/515-11
1/2 488.0 & 1/2 514.5	WCH488/515-39	WCH488/515-59	WCH488/515-78	WCH488/515-11
1/4 632.8 & 1/4 351.1	WCQ632/351-39	WCQ632/351-59	WCQ632/351-78	WCQ632/351-11
1/2 632.8 & 1/2 351.1	WCH632/351-39	WCH632/351-59	WCH632/351-78	WCH632/351-11
1/4 632.8 & 1/4 441.6	WCQ632/441-39	WCQ632/441-59	WCQ632/441-78	WCQ632/441-11
1/2 632.8 & 1/2 441.6	WCH632/441-39	WCH632/441-59	WCH632/441-78	WCH632/441-11
1/4 632.8 & 1/4 488.0	WCQ632/488-39	WCQ632/488-59	WCQ632/488-78	WCQ632/488-11
1/2 632.8 & 1/2 488.0	WCH632/488-39	WCH632/488-59	WCH632/488-78	WCH632/488-11
1/4 632.8 & 1/4 514.5	WCQ632/514-39	WCQ632/514-59	WCQ632/514-78	WCQ632/514-11
1/2 632.8 & 1/2 514.5	WCH632/514-39	WCH632/514-59	WCH632/514-78	WCH632/514-11
1/4 632.8 & 1/4 647.1	WCQ632/647-39	WCQ632/647-59	WCQ632/647-78	WCQ632/647-11
1/2 632.8 & 1/2 647.1	WCH632/647-39	WCH632/647-59	WCH632/647-78	WCH632/647-11
1/4 632.8 & 1/4 830.0	WCQ632/830-39	WCQ632/830-59	WCQ632/830-78	WCQ632/830-11
1/2 632.8 & 1/2 830.0	WCH632/830-39	WCH632/830-59	WCH632/830-78	WCH632/830-11
1/4 632.8 & 1/4 850.0	WCQ632/850-39	WCQ632/850-59	WCQ632/850-78	WCQ632/850-11
1/2 632.8 & 1/2 850.0	WCH632/850-39	WCH632/850-59	WCH632/850-78	WCH632/850-11
1/4 632.8 & 1/4 1064.1	WCQ632/106-39	WCQ632/106-59	WCQ632/106-78	WCQ632/106-11
1/2 632.8 & 1/2 1064.1	WCH632/106-39	WCH632/106-59	WCH632/106-78	WCH632/106-11

*For anti-reflection coatings, add AR to the end of the part number.

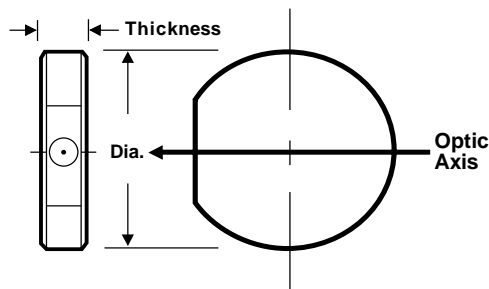
Dual Wavelength Waveplates



Diameter (Inches)

Specifications:

Material Crystal quartz
 Parallelism Less than 0.5 arc seconds
 Surface Quality 10/5
 Retardation Tolerance 1/300
 Transmitted Wavefront 1/10
 Diameter Tolerance +.000", -.005"
 Clear Aperture Central 90% of diameter



Optic axis is normal to flat on plate
 (plate app. 1 mm thick)

Wavelength (nm)	Diameter Inches			
	.500"	.750"	1.00"	1.50"
1/4 488.0 & 1/4 514.5	WCQ488/515-50	WCQ488/515-75	WCQ488/515-10	WCQ488/515-15
1/2 488.0 & 1/2 514.5	WCH488/515-50	WCH488/515-75	WCH488/515-10	WCH488/515-15
1/4 632.8 & 1/4 351.1	WCQ632/351-50	WCQ632/351-75	WCQ632/351-10	WCQ632/351-15
1/2 632.8 & 1/2 351.1	WCH632/351-50	WCH632/351-75	WCH632/351-10	WCH632/351-15
1/4 632.8 & 1/4 441.6	WCQ632/441-50	WCQ632/441-75	WCQ632/441-10	WCQ632/441-15
1/2 632.8 & 1/2 441.6	WCH632/441-50	WCH632/441-75	WCH632/441-10	WCH632/441-15
1/4 632.8 & 1/4 488.0	WCQ632/488-50	WCQ632/488-75	WCQ632/488-10	WCQ632/488-15
1/2 632.8 & 1/2 488.0	WCH632/488-50	WCH632/488-75	WCH632/488-10	WCH632/488-15
1/4 632.8 & 1/4 514.5	WCQ632/514-50	WCQ632/514-75	WCQ632/514-10	WCQ632/514-15
1/2 632.8 & 1/2 514.5	WCH632/514-50	WCH632/514-75	WCH632/514-10	WCH632/514-15
1/4 632.8 & 1/4 647.1	WCQ632/647-50	WCQ632/647-75	WCQ632/647-10	WCQ632/647-15
1/2 632.8 & 1/2 647.1	WCH632/647-50	WCH632/647-75	WCH632/647-10	WCH632/647-15
1/4 632.8 & 1/4 830.0	WCQ632/830-50	WCQ632/830-75	WCQ632/830-10	WCQ632/830-15
1/2 632.8 & 1/2 830.0	WCH632/830-50	WCH632/830-75	WCH632/830-10	WCH632/830-15
1/4 632.8 & 1/4 850.0	WCQ632/850-50	WCQ632/850-75	WCQ632/850-10	WCQ632/850-15
1/2 632.8 & 1/2 850.0	WCH632/850-50	WCH632/850-75	WCH632/850-10	WCH632/850-15
1/4 632.8 & 1/4 1064.1	WCQ632/106-50	WCQ632/106-75	WCQ632/106-10	WCQ632/106-15
1/2 632.8 & 1/2 1064.1	WCH632/106-50	WCH632/106-75	WCH632/106-10	WCH632/106-15

*For anti-reflection coatings, add AR to the end of the part number.