



Attenuators

The attenuators consist of a $\lambda/2$ phase retardation plate and a polarizing beam splitter cube (moderate powers, ca. 0.5J/cm²/10ns) or a polarizing beam splitter plate (high power, 10J/cm²/10ns). They allow to vary beam intensity continuously and separate at the same time s- and p- polarizations.

standard aperture 15mm
 central wavelengths in range from 220nm up to 1.600nm
 (other apertures and wavelengths are possible by request)

Arrangement: - low order $\lambda/2$ phase retardation plate - polarizing beam splitter cube	damage threshold: ca. 0.5J/cm ² /10ns at 1064nm operation wavelength range: +/-2nm	610 €/pc
Arrangement: - low order $\lambda/2$ phase retardation plate - polarizing beam splitter cube - motorized	damage threshold: ca. 0.5J/cm ² /10ns at 1064nm operation wavelength range: +/-2nm	1,040 €/pc
Arrangement: - zero order $\lambda/2$ phase retardation plate - polarizing beam splitter cube	damage threshold: ca. 0.5J/cm ² /10ns at 1064nm operation wavelength range: +/-10nm	640 €/pc
Arrangement: - zero order $\lambda/2$ phase retardation plate - polarizing beam splitter cube - motorized	damage threshold: ca. 0.5J/cm ² /10ns at 1064nm operation wavelength range: +/-10nm	1,100 €/pc
Arrangement: - low order $\lambda/2$ phase retardation plate - 2x polarizing beam splitter plate	damage threshold: ca. 10J/cm ² /10ns at 1064nm operation wavelength range: +/-2nm	650 €/pc
Arrangement: - low order $\lambda/2$ phase retardation plate - 2x polarizing beam splitter plate - motorized	damage threshold: ca. 10J/cm ² /10ns at 1064nm operation wavelength range: +/-2nm	1,180 €/pc
Arrangement: - zero order $\lambda/2$ phase retardation plate - 2x polarizing beam splitter plate	damage threshold: ca. 10J/cm ² /10ns at 1064nm operation wavelength range: +/-10nm	740 €/pc
Arrangement: - zero order $\lambda/2$ phase retardation plate - 2x polarizing beam splitter plate - motorized	damage threshold: ca. 10J/cm ² /10ns at 1064nm operation wavelength range: +/-10nm	1,260 €/pc