Model 201

Laser Attenuator / Power Splitter

Unique Product:
2 Modes of Use!

Designed for use with Ti:Sapphire Lasers

Conoptics has released the Model 201 Laser Attenuator / Power Splitter that permits the end user to split the laser beam exiting the Ti:Sapphire into (2) distinct beams and control the power for each instance.

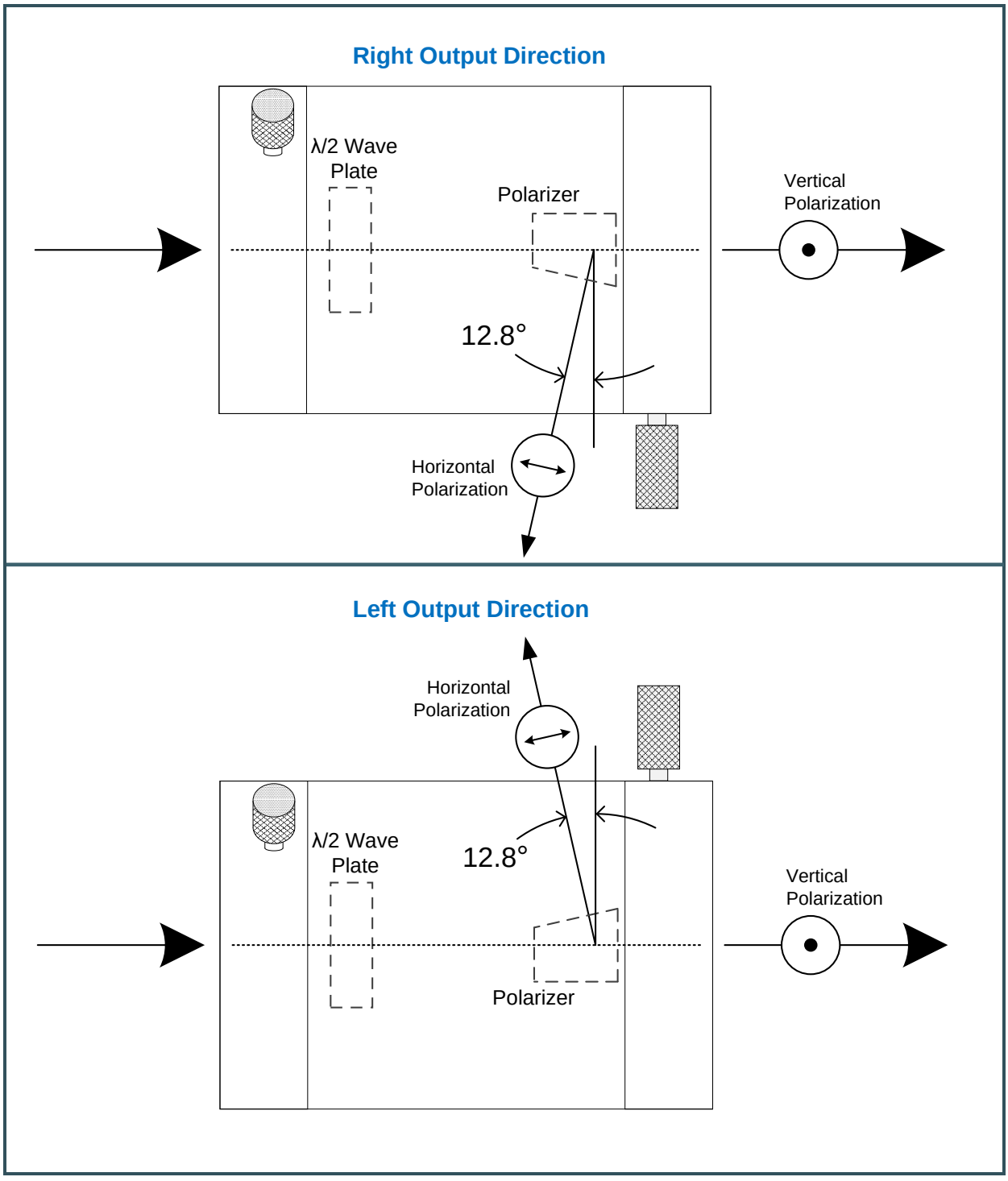
The Model 201 includes a polarizer which is a GLAN type design with an insertion loss < 4% and an extinction ratio of >100,000:1. In addition, the optics are designed so the angle of the escape port beam is fixed and will not change with wavelength variations. The internal achromatic ½ wave-plate is also air spaced to allow for increased power and lower dispersion.

The Model 201 is a valuable tool for MPM and Ti:Sapphire implementations.

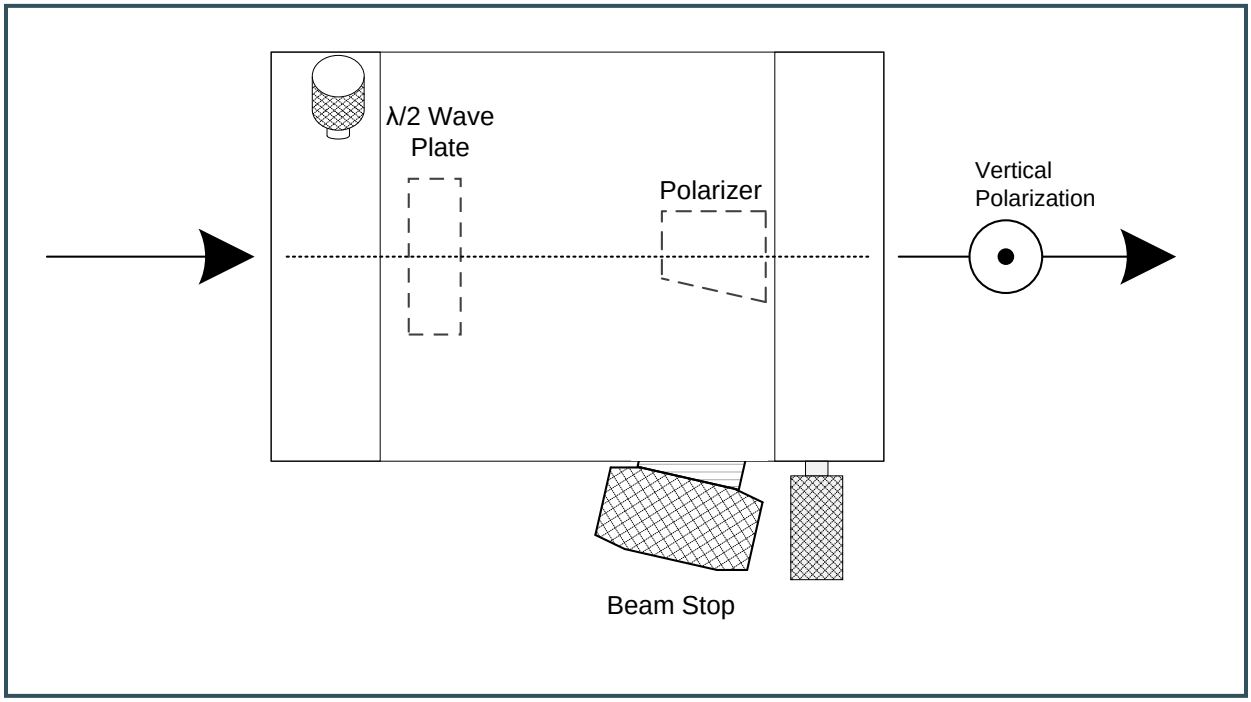
Specifications:

Aperture:	8mm
Dimensions:	50mm Diameter x 75mm Long
Transmission:	>90%
Wavelength Range:	650nm - 1200nm
Ports:	(2) Ports, no change in angle with wavelength Beam block included to terminate beam internally
Wavefront:	>1/10 Lambda
Extinction Ratio:	100,000 : 1
Power Capability:	>10 Watt CW
Optical Components:	Adjustable Achromatic ½ Wave Plate Adjustable Glan Laser Polarizer Escape Port Normal to Beam All Optics are Air-spaced

Mode 1: Left/Right (Power Splitter)



Mode 2: Attenuator Mode



Example: Configuration setup: