

- Fiber-to-Fiber coupling System plus appropriate Polarizer and Retarder Modules.
- Both Polarization Dependent and Independent Variable Attenuators are possible

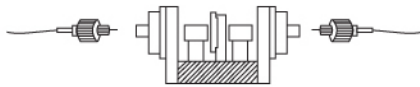


### STANDARD WAVELENGTHS (nm)

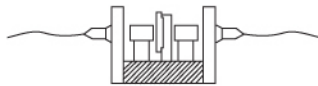
633	780	850	1310
670	810	980	1550
690	830	1064	

### Variable Attenuators

#### High Power SM Variable Fiber Attenuator



High power model that provides 0 - 40dB attenuation. Polarization independent.



#### VA-FFB-S-λ--X

Includes:

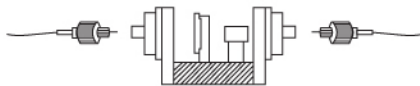
- FiberBench
- x2 PAF-X Disconnectable FiberPort
- x2 PBB Calcite Walk-Off Polarizers
- x1 RZB-1/2-λ Rotating 1/2 Wave Retarder
- x2 1m SM fiber, FC connector on one end

#### VA-FFB-S-λ--Y

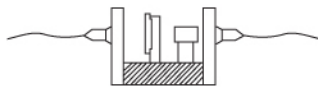
Same as above but with permanent pigtails input/output

\* Distal fiber ends can be connectorized please inquire.

#### High Power PM Variable Fiber Attenuator



High power model that provides 0 - 40dB attenuation. Polarization dependent. The attenuator is initially aligned such that linear polarized light enters and propagates through the input retarder and calcite walk-off polarizer with zero displacement and zero attenuation.



#### VA-FFB-P-λ--X

Includes:

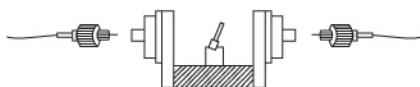
- FiberBench
- x2 PAF-X Disconnectable FiberPort
- x1 RZB-1/2-λ Rotating 1/2 Wave Retarder
- x1 PBB Calcite Walk-Off Polarizer
- x2 1m PM input fiber, FC connector on one end

#### VA-FFB-P-λ--Y

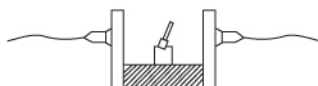
Same as above but with permanent pigtails input/output

\* Distal fiber ends can be connectorized please inquire.

#### High Power SM Variable Fiber Attenuator



High power model that provides 0 - 40dB attenuation. Polarization independent. Attenuation is caused by the lateral misalignment introduced by tilting parallel plate.



#### VAT-FFB-S-λ--X

Includes:

- FiberBench
- x2 PAF-X Disconnectable FiberPort
- x1 HW-XY-λ-T Tweaker Plate
- x2 1m SM input fiber, FC connector on one end

#### VAT-FFB-S-λ -Y

Same as above but with permanent pigtails input/output

\* Distal fiber ends can be connectorized please inquire.

All our FiberBench Systems are available in two connector interface options:

- FC/APC Connector-Interface (disconnectable). When ordering, terminate Part Number with -X
- Permanent Pigtail, 1-meter. When ordering, terminate Part Number with -Y.