

Variable Attenuator

Fiberdyne Labs, Inc.
Product Specification

Back-reflection:	> 30 dB (PC) > 50 dB (UPC) > 60 dB (APC)
Attenuation Range:	2 to 80 dB with 0.01dB resolution up to 10dB, with 0.1dB resolution up to 30 dB
Available Wavelengths:	400-1625 nm
Fiber Type:	Single-mode (9/125 micron) Multimode (62.5/125 micron)
Wavelength Dependence:	< 0.3dB change in insertion loss for 1300-1550nm. < 0.05dB for 1525-1570nm
Polarization Sensitivity:	Less than 0.01dB change over all input polarization states
Power Handling:	Up to 2Watts CW
Temperature Range:	-35°C to +70°C (less than 0.3dB change in insertion loss)
Humidity Range:	±0.2dB change in 10% to 90% humidity range
Drop Test:	±0.2dB change after 4 drops from a height of 1 meter onto a hard surface
Vibration:	Less than 0.05dB change between 10Hz-55Hz
Water Immersion Test:	±0.1dB over 7 days submerged to a depth of 15cm in water at room temperature