

# Variable Optical Attenuator

## Features

- Wide Attenuating Range
- High Resolution
- Low Insertion Loss
- High Return Loss
- Excellent Temperature & Humidity Stability
- Compact Package

## Applications

- Optical Sensor
- Power Equalizer
- Laboratory R&D
- Optical transmission system



## Performance Specifications

Parameters	1310nm	C/L Band		Dual Band	Unit
	Grade A	Premium	Grade A	Grade A	
Operating Wavelength	1270-1350	1525-1610		1270-1350 and 1525-1610	nm
Maximum Attenuation	60	65	60	60	dB
Maximum Insertion Loss(@23 ± 3°C)	≤ 1.0	≤ 0.3	≤ 0.6	≤ 1.0	dB
Wavelength Dependent Loss(For Attenuation < 20dB)	≤ 0.6	≤ 0.4		≤ 0.6	dB
Optical Return Loss	≥ 60				dB
Polarization Dependent Loss	Attenuation ≤ 20dB		≤ 0.1		dB
	Attenuation > 20dB		≤ 0.2		dB
Temperature Dependent Loss (0 ~ +70 °C) (For Attenuation < 20dB)	≤ 0.35				dB
Operating Temperature	0 ~ +70				°C
Storage Temperature	-40 ~ +85				°C
Maximum Optical Power	500				mW
Package Dimension	20 (L) x 23 (W) x 6.6 (H)				mm

## Mechanical Dimensions(mm)

