

# UC8310 Desktop Variable Optical Attenuator

Technical Specifications Ver 1.10  
Nov., 2017



 UC INSTRUMENTS CORP.

# UC8310 Desktop Variable Optical Attenuator

The UC8310 Desktop Variable Optical Attenuator offer superior performance for channel balance, power equalization, gain tilt and power adjust of DWDM system, EDFA, AWG & PLC components, optical amplifiers, and other general purpose of fiber optical test and measurement applications.

A GM8040 provides 0 ~ 60 dB continue tuning large dynamic attenuate range. It becomes a High Performance, Small Dimension, Fast Startup, Affordable optical attenuator test system. It provides low power, high power, single channel channel optical attenuator modules options. UC Instruments also can provide high channel count solution up to 16 channels.

## Features

- Continue tuning without moving parts
- Quick startup
- Resistance for mechanical vibration
- Small dimension
- Affordable price

## Applications

- Channel balance for DWDM systems
- Power equalization in optical add/drop modules
- Gain tilt and power adjustment in EDFA
- Receiver protection



## Specifications

<b>Model #</b>	<b>UC8310</b>
<i>Wavelength Range</i>	1310/1550 nm
<i>Attenuator Range (dB)</i>	0 ~ 60 dB
<i>Insertion Loss (dB)</i>	<2.5
<i>Fiber type</i>	9/125 um single mode
<i>Connector Type</i>	FC/APC Connector
<i>Attenuator Accuracy (dB)</i>	<= +/- 0.1 dB typ (0 ~ 40 dB).
<i>Repeatability (dB)</i>	<= +/- 0.05 dB
<i>Polarization Depend Loss (dB)</i>	<= 0.1
<i>Polarization Mode Dispersion</i>	5 fs
<i>Return Loss</i>	> 45 dB
<i>Operation Temperature</i>	-10~+60°C
<i>Storage Temperature</i>	-40~+80°C
<i>Recalibration Period</i>	2 years
<i>Operation Temperature</i>	0~ +40°C
<i>Storage Temperature</i>	-30~+80°C
<i>Power</i>	220 V
<i>Dimensions</i>	200 mm H, 105 mm W, 250 mm D
<i>Weight</i>	3 kg

Customers can contact with UC INSTRUMENTS customers services to get more 4CH, 8CH Optical Attenuator information

## Contact Information

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Nov., 2017

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