

GM8040 Desktop Variable Optical Attenuator

Technical Specifications Ver 1.00
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The GM8040 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

Model #	GM8040
<i>Wavelength Range</i>	1310 / 1490 /1550 /1625 nm
<i>Attenuator Range</i>	0 ~ 60 dB
<i>Insertion Loss</i>	<2.5 dB
<i>Fiber type</i>	9/125 um single mode
<i>Connector Type</i>	FC/APC Connector
<i>Attenuator Accuracy</i>	<= +/- 0.1 dB typ (0 ~ 40 dB).
<i>Repeatability</i>	<= +/- 0.015 dB
<i>Polarization Depend Loss</i>	<= 0.1 dB (0 ~ 40 dB).
<i>Polarization Mode Dispersion</i>	5 fs
<i>Return Loss</i>	> 40 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 W, 105 mm H, 250 mm D
<i>Weight</i>	3 kg

Customers can contact with UC INSTRUMENTS customers services to get detail GM8040 other specification.

UC INSTRUMENTS' Test and Measurement Support, Services and Assistance

UC INSTRUMENTS provides high performance, high value, low cost, affordable test and measurement instruments solution for our customers. Our extensive support sources can help you choose right UC INSTRUMENTS' products for your application and apply them successfully. Every instruments and system we sell a global warranty. All of our instruments with at least 12 months factory warranty.

Our Promise

All of UC INSTRUMENTS' test and measurement instruments and system will met its advertised performance and functionality. When you select UC INSTRUMENTS' products, we can verify if it is work properly, help with products operation, and provides the basic measurement assistance for the use of special capabilities.

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