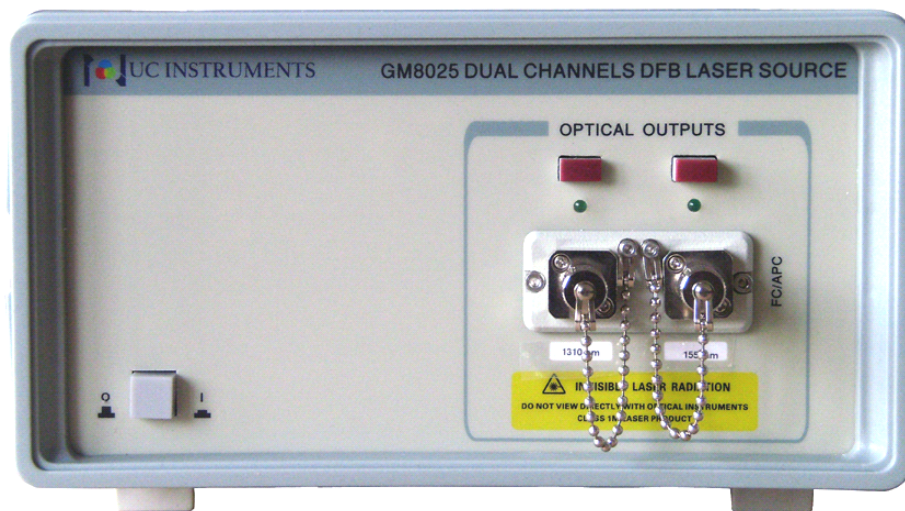


UC INSTRUMENTS GM8025 1310/1550 nm Desktop DFB Laser Source

Technical Specifications V1.01
Nov., 2010



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The GM8025 1310/1550 nm Desktop DFB laser source offer superior performance for the test of CWDM, DWDM components, AWG & PLC components, optical amplifiers, and other general purpose of fiber optical test and measurement applications. It is special design for volume production line application.

GM8025 1310/1550 nm Desktop DFB laser source is a High Performance, Small Dimension, Fast Startup, Affordable Optical Laser Source. It provides two channel high performance, fix wavelength laser output. UC Instruments also can provide any two channels of 850, 980, 1250,1270, 1290, 1310,1330, 1350, 1370, 1390, 1410, 1450, 1470, 1490, 1510,1530,1550, 1570, 1590, 1610,1625 nm wavelength laser output per customers request.

Features

- High performance
- Quick startup
- Any Two Channels Difference Wavelength Selectable
- Small dimension
- Affordable price

Applications

- WDM, AWG, PLC components Insertion Loss, Return Loss test
- Fiber Sensor, Fiber Cable test
- PMD and PDL measurement
- Fiber Optical, Telcom R & D lab test

Specifications

Model #	GM8025
<i>Operation Wavelength</i>	1310/1550 nm
<i>Optional Wavelength</i>	850, 980, 1250, 1270, 1290, 1310, 1330, 1350, 1370, 1390, 1410, 1430, 1450, 1470, 1490, 1510, 1530, 15550, 1570, 1590, 1610, 1625 nm
<i>Wavelength Accuracy</i>	+/- 5 nm
<i>Output Power</i>	>= 1.0 mW
<i>Connector Type</i>	FC/APC (Other Adaptor Can Be Customerized)
<i>-3 dB Bandwidth</i>	< 0.1 nm
<i>-20 dB Bandwidth</i>	< 0.5 nm
<i>Output Power Stability within 15 mins</i>	<= +/- 0.02
<i>Output Power Stability within 24 hrs</i>	<= +/- 0.05
<i>Operation Temperature</i>	0 ~ +40°C
<i>Storage Temperature</i>	-30 ~ +80°C
<i>Side mode suppression ratio(dB)</i>	> 35 dB
<i>Dimensions</i>	200 mm W, 105 mm H, 250 mm D
<i>Weight</i>	2.5 kg

Order Information:

GM8025 -

Channel Wavelength nm	85 = 850	95 = 950	25 = 1250	27 = 1270	29 = 1290	31 = 1310
	33 = 1330	35 = 1350	37 = 1370	39 = 1390	41 = 1410	43 = 1430
	45 = 1450	47 = 1470	49 = 1490	51 = 1510	53 = 1530	55 = 1550
	57 = 1570	59 = 1590	61 = 1610	62 = 1625		

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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