

UC INSTRUMENTS GM8025 1310/1550 nm Desktop DFB Laser Source

Technical Specifications V1.01
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The GM8025 1310/1550 nm Desktop DFB laser source provides high performance in testing CWDM/DWDM components, AWG & PLC components, optical amplifiers, and performing other general-purpose fiber optical test and measurement applications. It is a special design for volume production line application.

GM8025 1310/1550 nm Desktop DFB laser source is a high performance, compact dimension, fast startup, affordable optical laser source. It provides two-channel fix wavelength laser output. UC Instruments can also provide any two-channel among 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
- Flexible choices for two-channel wavelengths over a wide range
- Fast startup
- Compact size
- Competitive price

Applications

- WDM, AWG, PLC components insertion/return loss tests
- Fiber sensor /cable tests
- PMD and PDL measurements
- Fiber optical, telecom R&D lab tests

Specifications

Model #	GM8025
Operation Wavelength	1310/1550 nm
Optional Wavelength	850, 980, 1250, 1270, 1290, 1310, 1330, 1350, 1370, 1390, 1410, 1430, 1450, 1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610, 1625 nm
Wavelength Accuracy	+/- 5 nm
Output Power	>= 1.0 mW
Connector Type	FC/APC (Other type of adaptor can be customized)
-3 dB Bandwidth	< 0.1 nm
-20 dB Bandwidth	< 0.5 nm
Output Power Stability within 15 mins	<= +/- 0.02
Output Power Stability within 24 hrs	<= +/- 0.05
Operation Temperature	0 ~ +40 °C
Storage Temperature	-30 ~ +80 °C
Side Mode Suppression Ratio(dB)	> 35 dB
Dimensions	200 mm H, 105 mm W, 250 mm D
Weight	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 Supports, Services and Assistance

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

Our Promises

All of UC INSTRUMENTS' test and measurement instruments and systems meet their advertised performance and functionality. When you select a UC INSTRUMENTS' product, we can help your product operation with our decade experiences, and provide the basic measurement assistance for the use of special capabilities.

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