

# UC INSTRUMENTS GM8026 Four Channels Desktop DFB Laser Source

Technical Specifications V1.01  
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 UC INSTRUMENTS CORP.

# **UC INSTRUMENTS GM8026 Four Chanel Desktop DFB Laser Source**

The GM8026 Four-Channel Desktop DFB laser source offers 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 of couplers and PLC applications.

GM8026 Four-Channels Desktop DFB laser source is a high performance, compact dimension, fast startup, affordable optical laser source. It provides four-channel fix wavelength laser output. UC Instruments can also provide any four-channel among any four 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
- Flexible choices for four-channel wavelengths over a wide range
- Fast startup
- Compact size
- Competitive price

## **Applications**

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

# Specifications

<b>Model #</b>	<b>GM8026</b>
Operation Wavelength	<b>850/1310/1490/1550 nm</b>
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:

GM8026 -

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.

## **Contact Information**

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