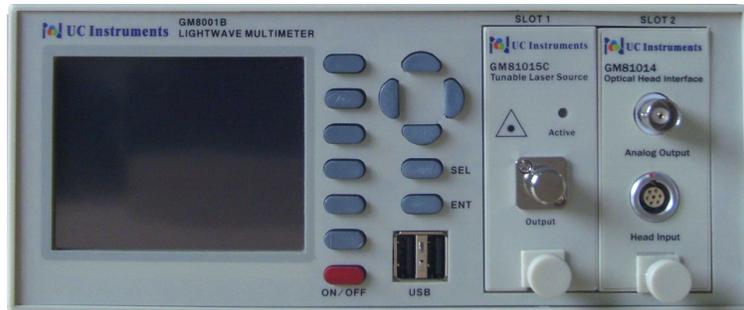


UC INSTRUMENTS GM81019 Return Loss Modules

Technical Specifications Ver 1.01
May, 2010



GM81019 Return Loss Module

The GM81015C, GM81015L and GM81015CL tunable laser modules offer superior performance for the test of DWDM components, AWG & PLC components, optical amplifiers, and other general purpose of fiber optical test and measurement applications.

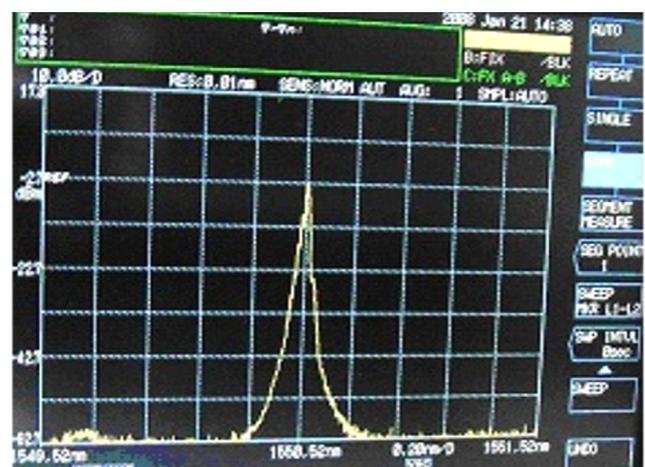
A GM8001 mainframe can host 2 of each GM81015C, or GM81018L, or GM81018CL tunable laser modules. It becomes a High Accuracy, High Power, Small Dimension, Fast Startup, Affordable Tunable Laser Source system. It provides C band, L band, or C+L band tunable laser sources options. UC Instruments also can provide high channel count solution up to 16 channels.

Features

- High wavelength accuracy
- Quick startup
- High power
- Small dimension
- Affordable price

Applications

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



Specifications

<i>Type</i>	<i>DFB Laser</i>
<i>Center Wavelength</i>	<i>1310 +/- 5 nm; 1550 +/- 5 nm;</i>
<i>Relative wavelength accuracy</i>	<i>+/- 5 pm, Typ. +/- 2 pm</i>
<i>Fiber Type</i>	<i>Single Mode</i>
<i>Output Power</i>	<i>>= 1.0 mW</i>
<i>Power Stability</i>	
<i>Short term 1 hr</i>	<i><= 0.05 dB</i>
<i>Long Term 24 hrs</i>	<i><= 0.10 dB</i>
<i>Operation Temperature</i>	<i>0 ~ 40 C Degree.</i>
<i>Output optical interface</i>	<i>FC/PC connector</i>
<i>Dimensions</i>	<i>75 mm H, 32 mm W, 310 mm D</i>
<i>Weight</i>	<i>0.5 kg</i>

Customers can contact with UC INSTRUMENTS customers services to get detail GM8001 Lightwave Multimeter 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.

Contact Information

United States:

UC INSTRUMENTS CORP.

37498 Glenmoor Dr.
Fremont, CA 94536
USA

Tel: 1-510-366-7353

Fax: 1-510-795-1795

www.ucinstruments.com

Product specifications and descriptions in this documentation subject to change without notice.
Copyright © 2010 UC INSTRUMENTS CORP.
May, 2010

31000018 V1.00