UC INSTRUMENTS GM8035 Superwide CWDM Broadband Light Source

Technical Specifications V1.00
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UC INSTRUMENTS CORP.

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The UC INSTRUEMNTS' GM8035 superwide CWDM broadband light source is based on SLED technology. Five band SLED provides significantly more power density into a single-mode fiber than a regular LED and more than 390 nm superwide broadband light source. It offer superior performance for the test of CWDM, DWDM components, AWG & PLC components, optical amplifiers, tele-com optical filter and other general purpose of fiber optical test and measurement applications. It is special design for volume CWDM filter and components production line application.

GM8035 superwide CWDM broadband light source is a High Performance, Small Dimension, Fast Startup, Affordable Optical Superwide Broadabnd Light Source. It provides 1250 ~ 1650 nm wavelength superwide broadband light output.

Features

- Superwide broadband light output
- High spectral density
- Quick startup
- Small dimension
- Affordable price

Applications

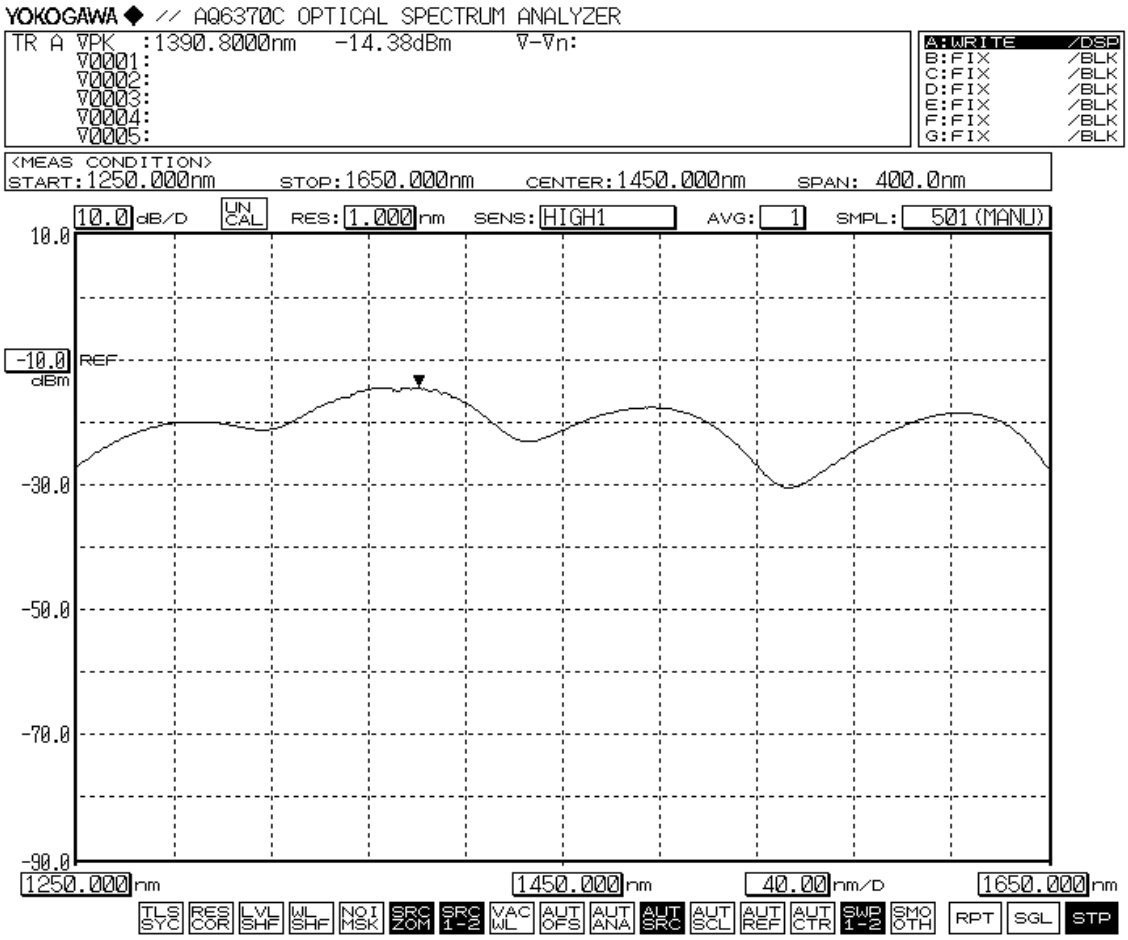
- CWDM filter and components test
- Fiber optic parts and components spectrum analyze
- Optical Coherence Tomography (OCT)
- Fiber Sensor , Fiber Cable test
- Fiber Optical , Telcom R & D lab test

Specifications

Model #	***GM8035***
Operation Wavelength	***1250 ~ 1650 nm***
-10 dB Bandwide	*>= 390 nm*
Output Power	*> 7 dBm*
Spectral Density	*>= -30 dB/nm*
Connector Type	*FC/UPC (Other Adaptor Can Be Customerized)*
Spectral Density Stability within 15 mins	*< +/- 0.02 dB ****
Output Power Stability within 15 mins	*< +/- 0.05 dB ****
Output Power Stability within 8 hrs	*<= +/- 0.1 dB ****
Operation Model	*CW*
Fiber Type	*Single Mode SFM-28*
Operation Temperature	*0 ~ +40℃*
Storage Temperature	*-30 ~ +80℃*
Power Supply	*AC 110 ~ 220 V ±10%, 50Hz, 20W*
Dimensions	*90 mm H, 220 mm W, 320 mm D*
Weight	*5.0 kg*

*** Remark: All spectral and power stability test is base on temperature 25 Dgree, temperatuer tolerance +/- 2 degree, power on 40 minutes , CW operation mode condition.

Typical Spectrum:



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 18 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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