

UC INSTRUMENTS CA9052 Four Channels Desktop CWDM/LanWDM DFB Laser Source

Technical Specifications V3.00
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 UC INSTRUMENTS CORP.

www.ucinstruments.com

UC INSTRUMENTS CA9052 Four Chanel CWDM/LanWDM DFB Laser Source

The CA9052 Four Chanel Desktop CWDM/LanWDM 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 couplers, transceiver/receiver and PLC production line application.

CA9052 Four Channels Desktop CWDM/LanWDM DFB laser source is a High Performance, Small Dimension, Fast Startup, Affordable Optical Laser Source. It provides four channels high performance, fix wavelength laser output. UC Instruments can provide 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
- Quick startup
- Any Four Channels Difference Wavelength Selectable
- Small dimension
- Affordable price

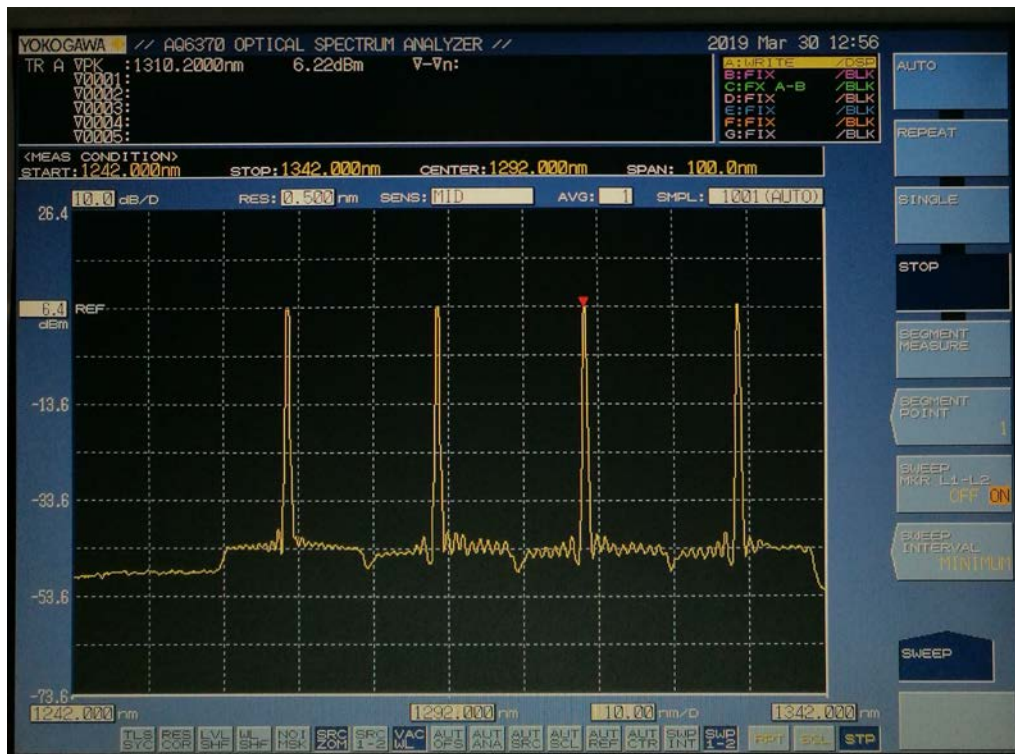
Applications

- WDM, AWG, PLC components Insertion Loss, Return Loss test
- Coupler Insertion Loss, Return Loss test
- Fiber Sensor, Fiber Cable test
- PMD and PDL measurement
- Fiber Optical , Telcom R & D lab test
- CWDM/LanWDM transceiver and receiver test

Specifications

Model #	CA9052
Operation Wavelength	1270/1290/1310/1330 nm or any 4 of following list wavelength Any Four Channel Laser On/Off Manual Control 4 CH DFB Laser Max Output on Rear Panel
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 etc.
Wavelength Accuracy	+/- 5 nm
Output Power	>= 2.0 mW
Connector Type	FC/APC (Other 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	235mm W×45mm H×310mmD
Weight	3.0 kg

Output Laser Light Spectrum



CA9052 Front Panel and Rear Panel:

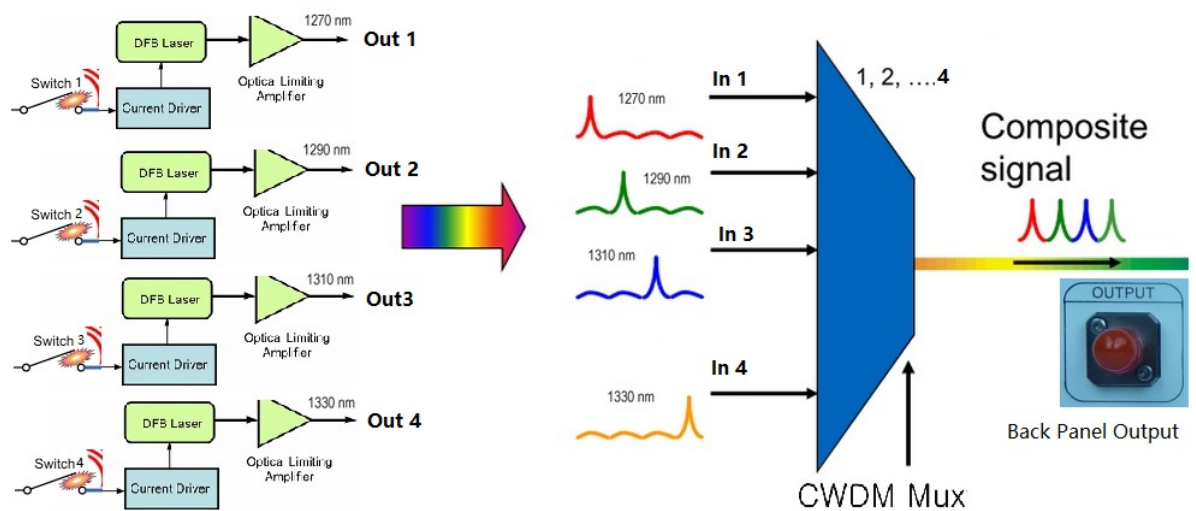


Back Panel



OPTICAL CONFIGURATION:

CA9052 CWDM/LanWDM Laser Source Diagram



Order Information:

CA9052 -

Channel Wavelength nm	85 = 850	98 = 980	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		

Contact Information

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