

UC8202 Dual Channel Optical Power Meter

Technical Specifications V2.00
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 UC INSTRUMENTS CORP.

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UC8202 Dual Channel Optical Power Meter

The UC8202 Dual channel optical power meter offer superior performance for the test of DWDM components, AWG , WSS, OPM, PLC components, optical amplifiers, transceiver/receiver and other general purpose of fiber optical test and measurement applications.

UC8202 Dual channel optical power meter is a High Performance, Small Dimension, Fast Startup, Affordable Optical Power Meter test system. It provides low power, high power, single channel and dual channel optical power meter modules options. UC Instruments also can provide high channel count solution up to 16 channels.

Features

- High performance
- Quick startup
- Difference power range and difference channel number available
- Small dimension
- Affordable price

Applications

- WSS, OPM optical path adjustment
- WDM, AWG, PLC components Insertion Loss, Return Loss test
- Fiber Sensor , Fiber Cable test
- PMD and PDL measurement
- Fiber Optical , Telcom R & D lab test
- Transceiver/Receiver power testing

Specifications

Model #	UC8202	UC8202H
<i>Sensor Element</i>	Dual Channel InGaAs	Dual Channel InGaAs
<i>Wavelength Range</i>	850 ~ 1700 nm	
<i>PD Active Area</i>	3.0 mm X 4.0 mm	
<i>Power Range</i>	+5 ~ -65 dBm	+15 ~ -55 dBm
<i>Application Fiber Type</i>	Standard SM and MM up to 62.5 um core size	
<i>Uncertainty (accuracy) at reference condition</i>	+/- 4% (1200 nm ~ 1610 nm)	
<i>Relative Uncertainty (accuracy) at reference condition</i>	< 0.02 dB Typical	
<i>Linearity (power)</i>	<= +/- 0.06 dB (1200 nm ~ 1610 nm, + 0~ -60 dBm)	
<i>Return Loss</i>	> 40 dB	
<i>Operation Temperature</i>	0 ~ +40°C	
<i>Storage Temperature</i>	-30 ~ +80°C	
<i>Recalibration Period</i>	2 years	
<i>Dimensions</i>	245 mm W, 105 mm H, 320 mm D	
<i>Weight</i>	4.5 kg	

Customers can contact with UC INSTRUMENTS customers services to get detail UC8202 Dual Channel Optical Power Meter.

Contact Information

United States:

UC INSTRUMENTS CORP.

3652 Edison Way
Fremont, CA 94538
USA

Tel: 1-510-366-7353

Fax: 1-510-795-1795

www.ucinstruments.com

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