

UC INSTRUMENTS CA3201 12/24 CH INSERTION LOSS/RETURN LOSS AUTOMATIC TESTING SYSTEM FOR MPO/MTP FIBER CABLE TESTING

Technical Specifications Ver 1.00
Jan., 2015



CA3201 12/24 CH INSERTION LOSS/RETURN LOSS AUTOMATIC TESTING SYSTEM

UC INSTRUMENTS CA3201 12/24 CH INSERTION LOSS/RETURN LOSS AUTOMATIC TESTING SYSTEM is special designed for MPO/MTP fiber cable and multi-channel fiber optical devices like PLC device. It also can be easy changed into AWG DWDM devices testing system if we change 1310 /1550 nm light source into UC INSTRUMENTS' tunable laser source.

CA3201 system integrated UC INSTRUMENTS' CA3201 light source control units, CA3124 12/24 multi-channel optical power meter unit, CA3307 un-wrap return loss tester unit with powerful CA3201 automatic control software. CA3201 control software can be setup into multi-functions, multi-configuration, multi-format application testing request. It make multi-channel MPO/MTP cable testing very efficient and effective. Unwrap return loss testing technology make all MPO/MTP multichannel testing become easy and under control.

Each of CA3201 12/24 CH INSERTION LOSS/RETURN LOSS AUTOMATIC TESTING SYSTEM is connected to a PC with USB cable. It becomes a High Accuracy, High Effective, Smart Control, Automatic insertion loss and return loss testing system.

Features

- 12 Channel and 24 Channel testing system option selectable
- Unwrap return loss testing technology was apply in to the system
- Fully computer software interface setup testing parameters
- All testing data and result was control and print out via computer interface

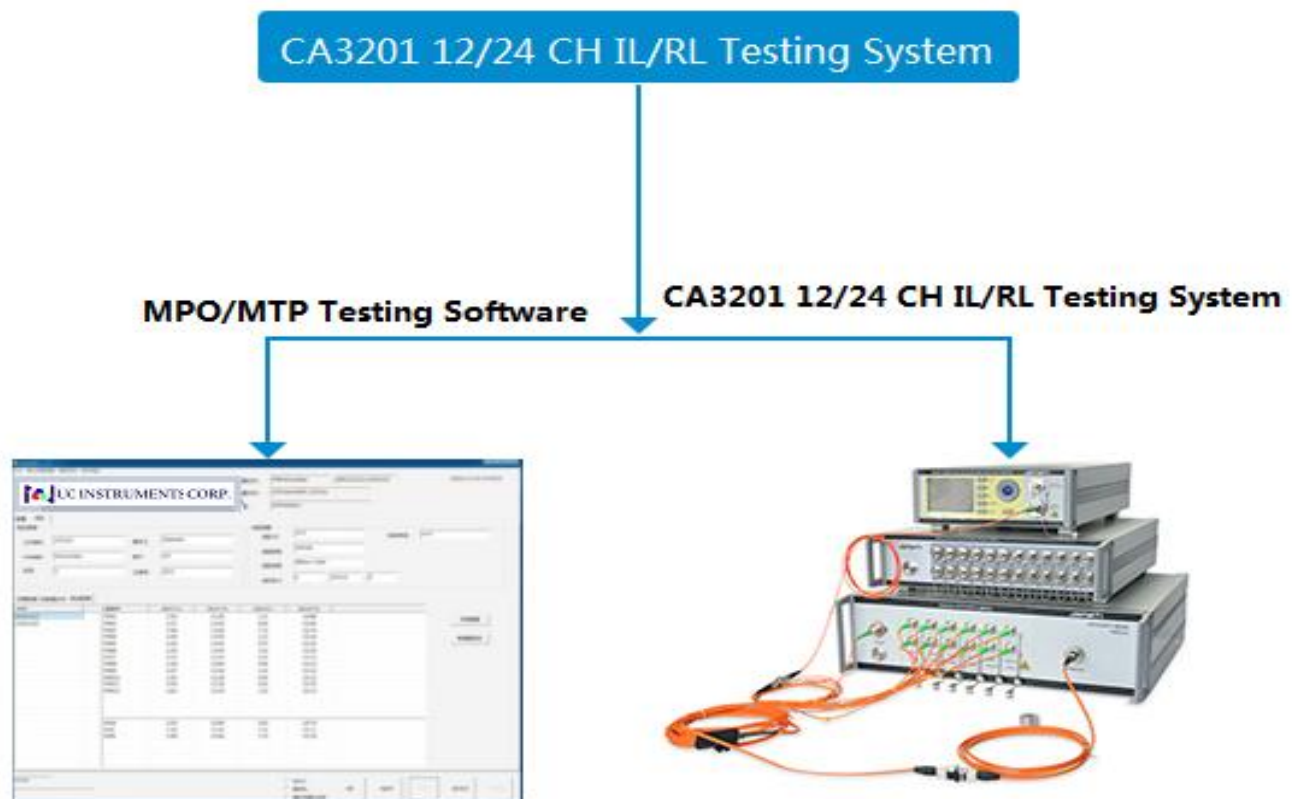
Applications

- 12 CH/ 24 CH MPO/MTP Fiber Optic Cable Insertion Loss/Return Loss Automatic Testing
- Multi-Channel PLC devices Testing
- Lab R&D application

Specifications

Module Number	CA8201-SM- XX	CA8201-MM- XX
	Single Mode	Multi Mode
Channel Number	12/24	12/24
Insertion Loss Wavelength	1310nm / 1550nm	850 nm / 1300 nm
Return Loss Wavelength	1310nm/1550nm	850 nm/ 1300 nm
Light Source Power Stability	+/-0.02 dB	+/-0.02 dB
Optical Power Meter Dynamic Range	+3 ~ -60 dBm	+3 ~ -60 dBm
Insertion Loss Accuracy	+/- 0.05dB	+/- 0.05dB
Return Loss Dynamic Range	13 ~ 70 dB	13 ~ 55 dB
Return Loss Accuracy	+/-1dB	+/-1dB
Communication Port	USB	

CA3201 Configuration



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.

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

Product specifications and descriptions in this documentation subject to change without notice.
Copyright © 2008 UC INSTRUMENTS CORP.
June, 2015

91003001 V1.00