Measurement Devices

OptoTest
Test Solutions for Fiber Optics

LASER COMPONENTS®

CWDM
Specialized Sources

SOURCES OVERVIEW

With an increase in the deployment of single mode fiber and an increased focus on Passive Optical LAN infrastructure, wavelength-dependence multiplexers (WDM, or MUX/DEMUX) have become an important part of many networks and data centers. Therefore turnkey, automated solutions for testing those devices have become a highly sought-after resource.

OptoTest can customize its multichannel sources to provide the perfect platform for testing WDM components for insertion loss at various wavelengths. The **OP715 benchtop source** can be built with up to 4 narrow bandwidth DFB lasers, while the **OP750 multichannel source** can support DFB lasers for all 18 ITU G.694.2 wavelengths commonly used when testing CWDM components.

The CWDM sources can be paired with the **OP710 multichannel power meter** to measure multiple optical signals simultaneously.

30-DAY GUARANTEE
Our 30-Day Guarantee allows a full refund for any reason.
**See Terms & Conditions for details.*

WARRANTY
OptoTest offers a three-year warranty on this product.

TECH SUPPORT
Our team of experts is ready to assist you.

KEY FEATURES

- **Customizable**
  Completely configurable to match exactly the wavelengths that need to be tested.
- **Complete Solution**
  All sources built into a single unit with USB control to maximize space on test bench.
- **Calibration Not Required**
  Due to the wavelength stability of these sources, calibration is only necessary if defined by your processes.

APPLICATIONS

- CWDM Component Testing
- MUX/DEMUX Testing
- Passive Optical LAN Testing
- Optical Transceiver Testing

Advancing the World of Fiber Optics®

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SOFTWARE

These sources can be integrated with custom DLLs to simplify test procedures based on customer needs. Contact one of our sales engineers regarding testing requirements.

SOURCES SPECIFICATIONS

Laser Type	Distributed feedback (DFB)		
Output Power	1mW	10mW	20mW
Number of Channels	Benchtop OP715: Up to 4 19-inch OP750: Up to 24	Benchtop OP715: Up to 2 19-inch OP750: Up to 12	
Available Wavelengths	1271nm, 1291nm, 1311nm, 1331nm, 1351nm, 1371nm, 1391nm, 1411nm, 1431nm, 1451nm, 1471nm, 1491nm, 1511nm, 1531nm, 1551nm, 1571nm, 1591nm, 1611nm		
Stability	0.02 dB per degC per hour 0.05 dB per degC per 12 hours		
Peak Wavelength	± 3nm		
Bandwidth	<1nm		
Side-Mode Suppression Ratio	30 dB		

ISO CERTIFIED
Our Quality Management System is certified and in compliance with ISO 9001:2015.

MADE IN THE USA
We proudly design & manufacture our equipment in California, United States.

RELATED PRODUCTS

- OP710 Multichannel Optical Power Meter
- OP715 Benchtop Stabilized Light Source
- OP735 Benchtop Optical Power Meter
- OP750 Multichannel Source

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