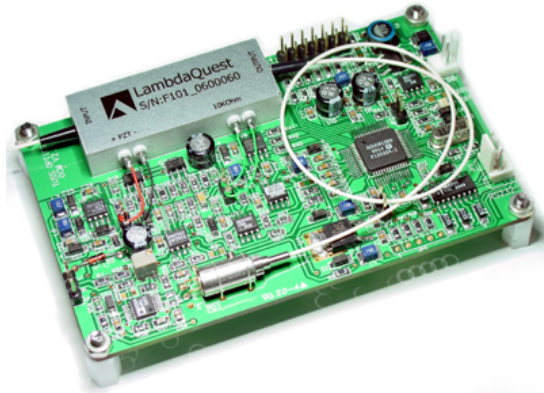


Optical Channel Monitor



Typical Data

Wavelength	1480 to 1620 nm
Fixed Free Spectral Range	60 nm or Specified
Finesse	600 or Specified
Wavelength Repeatability	± 100 pm
Wavelength Relative Accuracy	± 100 pm
Dynamic Range	> 45 dB
Input Power Range	5 to -35 dBm
OSNR (C-Band 80ch)	> 15 dB
Power Accuracy	±0.5 dB
Power Repeatability	±0.1 dB
Scan Time	> 0.1 sec
Power Supply	9 V
Power Consumption	< 0.25 W
FC/UPC Connector	9/125/900 um
Dimensions	12x64x100 mm
Interface	RS232
	Analog Out

Descriptions

Lambda Quest's OPTOMONITOR Optical Channel Monitor (OCM) module utilizes patent pending OPTOTUNE series tunable filter to integrate spectral analyzer functions in a compact and robust design. High contrast ratio coupled with wide tuning range allows multiple options to the system integrators. OPTOMONITOR will continue to be the world's best value OCM for the next generation Metro telecommunication networks.

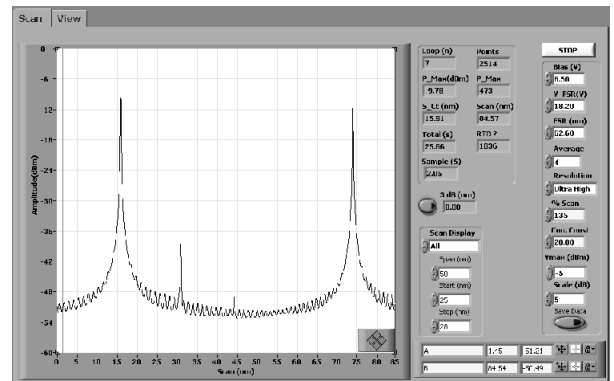
Features

- Small Form Factor
- High Sensitivity
- High Dynamic Range
- RS232 Interface
- Rapid Tuning Speed
- Truly Affordable Device
- GR63-CORE Compliant

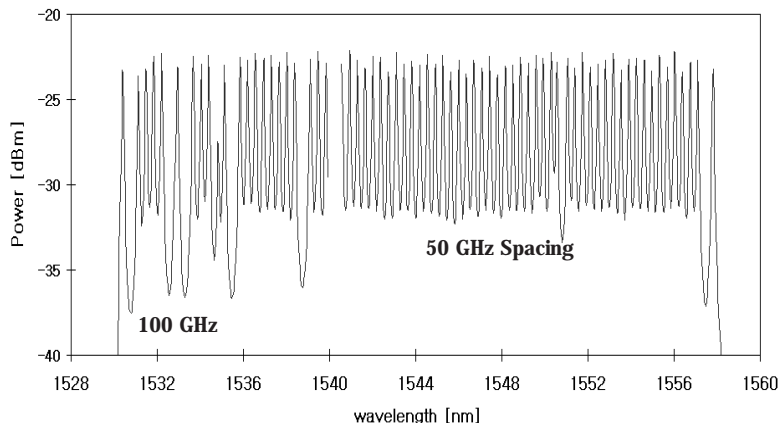
Applications

- Real-time Optical Channel Monitoring of DWDM Networks
- Optical Add/Drop Monitoring and Diagnostics
- Remote Gain Equalization of DWDM Systems
- Transmission Laser Wavelength Locking
- Real-time System Error Warning and Alarming
- EDFA Gain Balancing
- Sensors in Military and Bio-medical Applications
- Opto-mechanical Sensor Applications

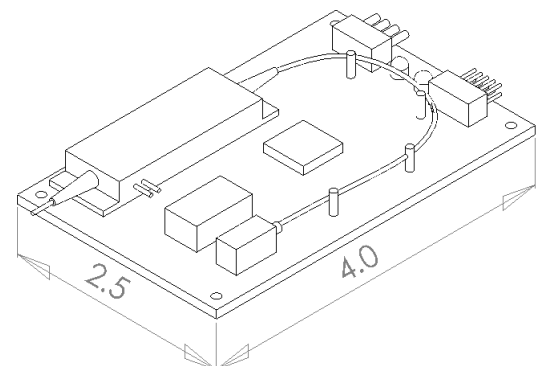
PC Interface with LabView



Performance



Dimensions (inches)



www.LambdaQuest.com

LambdaQuest

5410 Isabella Ct.
Agoura Hills, CA 91301

Tel: 208 692 4068
Info@LambdaQuest.com