



# Precision Rated Optics

Work with a PRO!



Manufactured, Serviced and Supported in the USA!

## DWDM-LR / DWDM-HR Channel Analyzer



- Up To 82 Channels
- Auto-Test Zooms in on Active Channels
- Solid-State Optics
- Available for C and L Bands
- Stores 1,000 Test Results
- USB Ports

### DWDM Standard Package Includes:

Channel Analyzer, Universal Power Supply with Adaptors for US, UK, CE and AU. Interchangeable FC and SC Adaptors, Windows-Compatible Software, USB Cable, Manual and Rubber Boot

### Ordering Information

OFT-DWDM-LR	C-Band 1530 - 1561nm (196.0 THz - 192.0THz) w/ VIP Port
OFT-DWDM-HR	L-Band 1574 - 1608nm (190.5THz - 186.3 THz) w/ VIP Port

The PRO-DWDM Optical Channel Analyzer is the most rugged and affordable full-featured Mini OSA on the market. It is designed for simple operation and is suited for field or lab use. Available in up to 82 channels for C or L bands, with 50 or 100 GHz channel spacing, it displays a full scan twice per second. Offering high-end features such as Power Tilt for channel equalization and Gain Tilt to adjust EDFA gain flatness, it's a real workhorse.

One-button Auto-Test and a full set of selectable scale limits and thresholds makes zeroing in on channel measurements easy. For flexibility, the channels are selected by either wavelength or frequency and the information is displayed in graph or table mode on a 4" high-brightness color LCD display. The unit allows users to set Pass/Fail thresholds and can store up to 1,000 test results, which that can be downloaded onto a USB flash drive and documented with the included certification software for fast, easy reporting.

The Onboard Help System guides new users through operations and assists in parameter settings. The PRO-DWDM Optical Channel Analyzer is housed in a ruggedized metal enclosure with a robust, protective boot.

### SPECIFICATIONS

Item / Model No.	DWDM-LR	DWDM-HR
Wavelength Range	C-Band 1530 ~1561nm (196.0 THz - 192.0THz)	L-Band 1574 ~ 1608nm (190.5 THz - 186.3 THz)
Channel Spacing	50GHz, 100GHz	
Wavelength Accuracy	±0.1nm	
Channel Power Range	+10dBm ~ -50dBm	
Absolute Accuracy	±1 dB	
Max Composite Power	+28 dBm	
Polarization Dependent Loss	±0.15dB	
Optical Rejection Ratio	40dBc (@50GHz)	
Measurement Time	< 1/2 Second	
Readout Resolution	0.01dB	
Return Loss	>40dB	
Optical Interface	Universal UPC (FC/SC)	
Graphical Display	Bar Graph and Table View	
Display	4" Color TFT	
Dimensions (LxWxD)	7.75" x 4.5" x 2.25" (2 lbs) 197 x 115 x 57mm (.091 kg)	
Battery	Rechargeable NiMH (8 hours Operating Time)	
Power	100-240V Universal US, GB, EU, AU Mains	
Operational Temperature	-10°C ~ 50°C	
Warranty	Standard 1-Year Manufacturer Warranty (Extended Warranty Available)	