

MINI FIBER TOOLS



OPTICAL LIGHT SOURCES



Rugged
Durable and compact

Stable
Provides a stable light source

Adaptable
Interfaces to all industry standard connectors

FEATURES

- GDLS 355 Dual Laser 1310nm, 1550nm
- GDLS 360 Dual Laser 1490nm, 1625nm
-Singlemode application
- GDLS 350 Dual LED 850nm, 1300nm
-Multimode application
- 2kHz Tone output
- NIST traceable
- Long battery life
- PC flat polish interface

OPTICAL POWER METERS



Rugged
Durable and compact

Precise
Measures optical powers down to -70dBm

Convenient
Downloadable measurements for easy reporting*

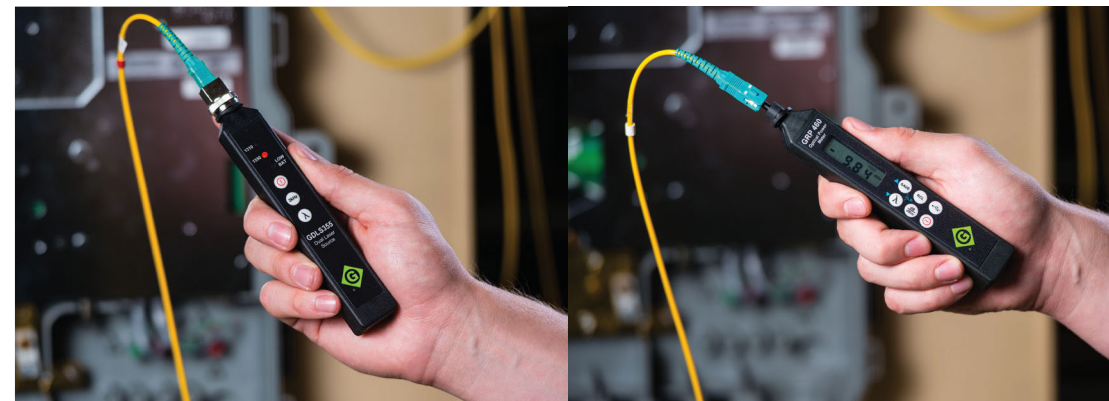
Adaptable
Interfaces to all industry standard connectors

FEATURES

- InGaAs detector for maximum sensitivity
- Filtered InGaAs for measuring high powered optical signals
- Singlemode and multimode measurements
- Calibrated wavelengths of 850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1611nm and 1625nm
- Data transfer via USB for the GRP 460 interface to the GVIS application or to Excel
- 2kHz Tone detect
- NIST traceable
- Long Battery Life

SPECIFICATIONS

	GDLS 350	GDLS 355 / GDLS 360
Wavelength	850nm & 1300nm LED	1310nm, 1550nm Laser/ 1490nm, 1625nm Laser
Output power	-20dBm Typical	-4dBm Typical
Laser Classification	N/A	Class 1 (FDA 21 CFR1040.11)
Output stability	+/- 0.05dB, 1 hour, +/- 0.03dB long after 15 minute warm-up	
Spectral Width	40nm/120nm	5nm/5nm
Optical interface	Universal Connector Interface FC, SC, ST & LC ,PC (flat polish)	
Power on	Push button ON, Auto shutoff	
Tone Output	2kHz	
Dimensions	6.1 x 0.94 x 0.75in (15.5 x 2.38 x 1.90cm)	
Weight	3oz (85g)	
Operating Temperature	-10C to 50°C	
Storage Temperature	-30C to 60°C	
Battery Run Time	60 Hours, CR2	



SPECIFICATIONS

	GRP 450-02 GRP 460-02	GRP 450-04 GRP 460-04
Diode	InGaAs	Filtered InGaAs
Calibrated Wavelengths	850, 1300, 1310, 1490, 1559, 1611 and 1625nm	
Wavelength range	850nm to 1625nm	
Measurement range	+6dBm to -70dBm	+23dBm to -45dBm
Resolution	0.01dB	
Absolute accuracy^A	+/- 0.25dB	
Optical interface	Universal 2.5mm (Order 1.25mm or screw on adaptors separately)	
Tone identification	2kHz Incoming signal, Audible Alert	
Power on	Push button ON, Auto shutoff	
Storage	Store up to 1000 measurements per wavelength*	
Data transfer	Mini USB Port (1000 points/wavelength)*	
Dimensions	6.1 x 0.94 x 0.75 in (15.5 x 2.38 x 1.90cm)	
Weight	3.0oz (85g)	
Battery Run Time	120 Hours, CR2	

^AAccuracy measured at -10dBm and 25°C, all other specifications are at 25°C
* GRP 460 only



ORDERING INFORMATION

CAT NO.	UPC NO.	DESCRIPTION
KIT		
GMFT-SM	03426	Singlemode Kit Kit includes 1- GDLS 355 1310/1550 Dual Laser 1- GRP 460-02 Optical Power Meter with USB 1- Soft Carry Case
GMFT-MM	03429	Multimode Kit Kit includes 1- GDLS 350 850/1300 Dual LED 1- GRP 460-02 Optical Power Meter with USB 1- Soft Carry Case
GMFT-SM-MM	03431	Singlemode/Multimode Kit Kit includes 1- GDLS 355 1310/1550 Dual Laser 1- GDLS 350 850/1300 Dual LED 1- GRP 460-02 Optical Power Meter with USB 1- Soft Carry Case



ORDERING INFORMATION

CAT NO.	UPC NO.	DESCRIPTION
OPTICAL POWER METER		
GRP 450-02	00502	InGaAs, 0.01dB, Zero ref set
GRP 450-04	00505	Filtered InGaAs, 0.01dB, Zero ref set
GRP 460-02	00509	InGaAs, 0.01dB, Zero/Set Ref, with USB
GRP 460-04	00511	Filtered InGaAs, 0.01dB, Zero ref set, with USB
GAC 010	21033	Single Instrument Pouch
CONNECTOR OPTIONS:		
GAC 020	00525	2.5mm Universal Adapter
GAC 021	00526	1.25mm Universal Adapter
GAC 026	00531	SC/UPC Adapter for OPM
GAC 126	02046	SC/APC Adapter for OPM
GAC 027	00532	ST Adapter for OPM
GAC 028	00533	FC Adapter for OPM
GAC 029	00534	LC Adapter for OPM
GAC 540	02038	Optitap® Compatible Patchcord (SC/APC)



ORDERING INFORMATION

CAT NO.	UPC NO.	DESCRIPTION
OPTICAL LIGHT SOURCES		
GDLS 350	00518	850/1300 Dual LED
GDLS 355	00519	1310/1550 Dual Laser
GDLS 360	03203	1490nm/1625nm Dual Laser
GAC 010	21033	Single Instrument pouch
CONNECTOR OPTIONS:		
GAC 022B	00440	SC Adapter for source
GAC 023B	00441	FC Adapter for source
GAC 024B	00442	ST Adapter for source
GAC 025B	00443	LC Adapter for source

All laser and LED sources are supplied with SC adapter GAC 022B
 All optical power meters are supplied with 2.5mm Universal Adapter GAC 020.

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