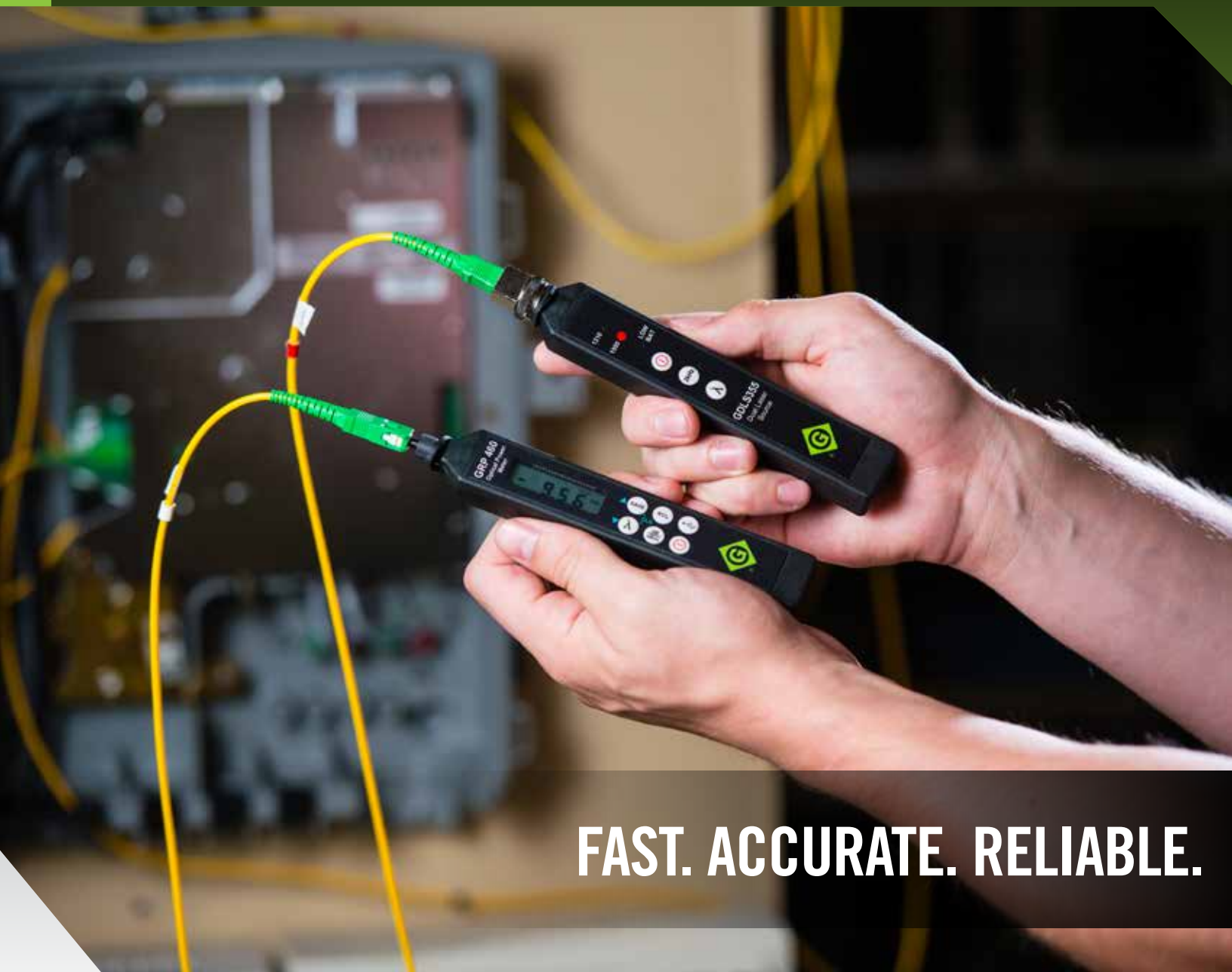


MINI FIBER TOOLS



FAST. ACCURATE. RELIABLE.

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GREENLEE®
COMMUNICATIONS

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

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)	
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	



OPTICAL POWER METERS



Rugged

Durable and compact

Precise

Measures optical powers down to -60dBm

Convenient

Downloadable measurements for easy reporting*

Adaptable

Interfaces to all industry standard connectors

FEATURES

- GRP 450 Optical Power Meter with Ge Detector
- GRP 460 Optical Power Meter with InGaAs filtered detector
- Singlemode and multimode application
- Calibrated wave lengths of 850nm, 1310nm, 1490nm, and 1550nm
- Data transfer via USB for the GRP 460
- 2kHz Tone detect
- NIST traceable
- Long Battery Life

SPECIFICATIONS

	GRP 450-02 GRP 460-02	GRP 450-04 GRP 460-04
Diode	Ge	Filtered InGaAs
Wavelength range	850nm to 1625nm	
Measurement range	+ 3 to - 60dBm	+23 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)	

^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 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 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 1- Soft Carry Case



ORDERING INFORMATION

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



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

