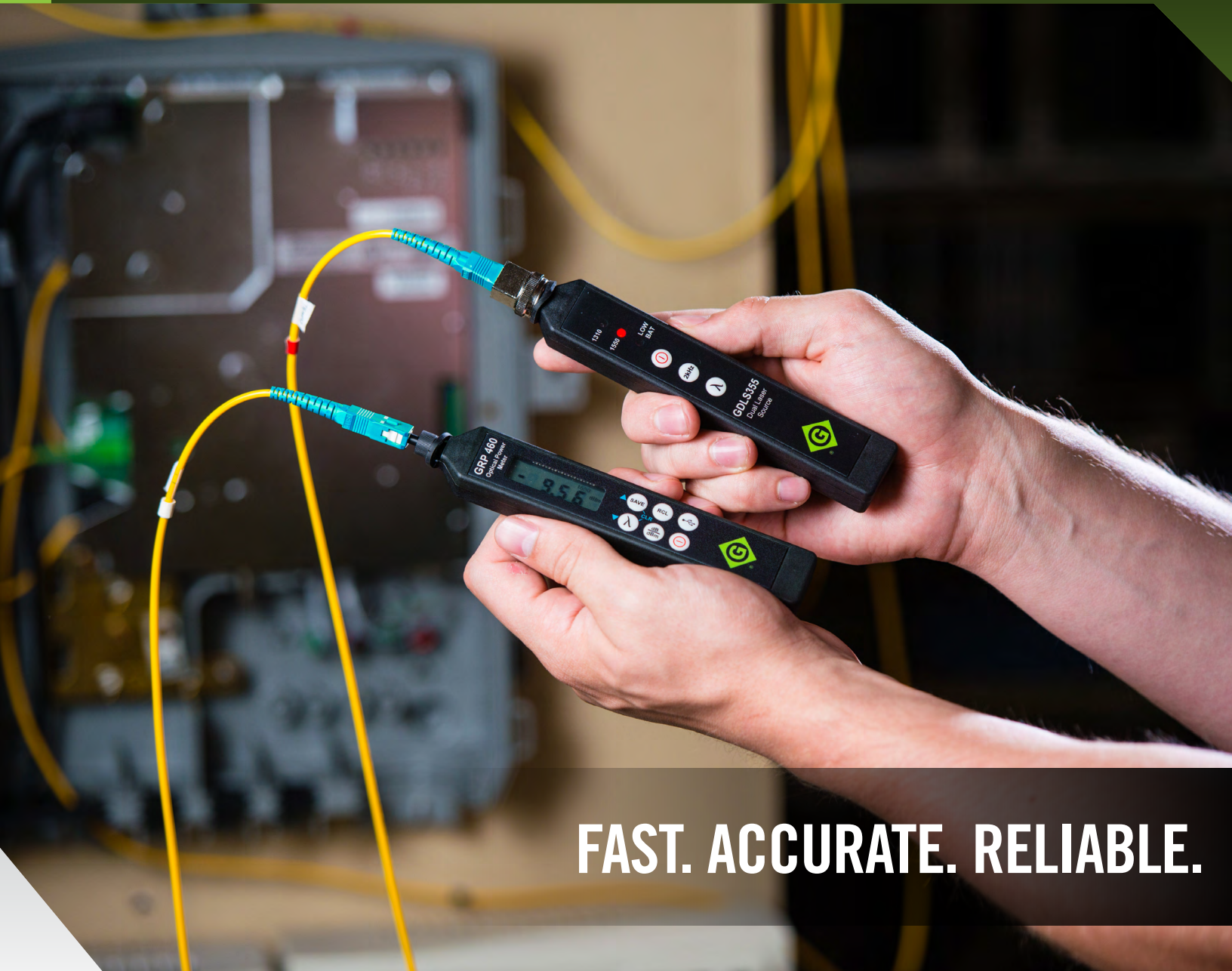


MINI FIBER TOOLS



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
- PC flat polish interface

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 | |



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 interface to the GVIS application or to Excel
- 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) | |
| 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 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 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 | OPTIFIT 1' 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 |



Note: All laser and LED sources are supplied with SC adapter GAC 022B



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