

GDLS Series

Optical Light Sources

Dual & Single wavelength
LED & Laser Sources



Greenlee's Single & Dual Wavelength Light Sources

The pocket-sized GDLS 350 and GDLS 355 Dual Light Sources represent the latest design in stabilised light sources for accurate loss measurement. Standard NIST calibrated, Dual wavelength units or more specific wavelength units (typically 1490nm & 1625nm) are available for Multimode & Singlemode systems.

GDLS 350 & GDLS 355 Dual Light Sources provide a 2kHz tone output for fibre identification when used with the GRP 400 series Optical Power Meters which provide the audible alert.

The 2kHz tone provided by the GDLS 350 and GDLS 355 may also be used with the GLFI 110 for non invasive live fibre identification.

All common connector types are available: Universal 1.25mm adaptor, FC, SC, ST & LC for mating the Light Source to the fibre under test. Hybrid adaptors to accommodate different connector styles are available.

All Dual Light Sources are supplied with a long lasting battery or may be factory configured for optional AC operation.

Features

- Single wavelength 850nm LED
- Single wavelength 850nm VCSEL
- Single wavelength 1310nm Laser
- Single wavelength 1300nm LED
- Single wavelength 1490nm Laser
- Single wavelength 1550nm Laser
- GDLS 350 Dual LED 850nm, 1300nm
- Multimode application
- GDLS 355 Dual Laser 1310nm, 1550nm
- Singlemode application
- 2kHz Tone output
- NIST traceable
- Long battery life
- Rugged, compact and affordable



Specification

	GDLS 350	GDLS 355
Wavelength	850nm & 1300nm LED	1310nm & 1550nm Laser
Output power	- 20dBm Typ.	- 4.0dBm Typ.
Laser Classification	NA	Class 1 (FDA 21 CFR 1040.11)
Output stability	+/- 0.05dB, 1 hour, + /- 0.03dB long after 15 minute warm-up	
Spectral Width	440nm/120nm	5nm/5nm
Optical interface	Universal Connector Interface (FC, SC, ST & LC)	
Tone Output	2kHz	
Power on	Push button ON, Auto shutoff	
Battery	CR 2, Optional AC power for long term use	
Dimensions	6.1 x 0.94 x 0.75 in (15.5 x 2.38 x 1.90 cm)	
Weight	3 oz (85g)	
Operating Temperature	-100 to 50°C	
Storage Temperature	-300 to 60°C	



Ordering Information

MODEL	ORDER #	DESCRIPTION	QTY
GTP210	52056211	850nm LED Source	1
GTP215	52056212	850nm VCSEL Source	1
GTP220	52056213	1310nm Laser Source	1
GTP230	52056214	1300nm LED Source	1
GTP240	52056215	1490nm Laser Source	1
GTP250	52056216	1550nm Laser Source	1
GDLS350	52056217	850/1300 Dual LED	1
GDLS355	52056218	1310/1550 Dual Laser	1
GAC031	52056246	240 Volt AC adaptor for GTP200 and GDLS 300 series Light Sources	1
	52038126	Single Instrument pouch	1

Connector Options:

GAC022	52056237	SC Adaptor for OLS - DLS 350 & DLS 355	1
GAC023	52056238	FC Adaptor for OLS - DLS 350 & DLS 355	1
GAC024	52056239	ST Adaptor for OLS - DLS 350 & DLS 355	1

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