

## Test & Inspection

### Building Better Networks with aEROS™ — ROGUE™ Test Suite

**NEW**



#### Features

- Bi-directional testing on 2 links at once
- Dual-fiber, dual-wavelength
- SM and MM versions
- Integrated OPM, OLS and VFL (650 mm)
- Encircled Flux compliant

#### Applications

- Tier 1 testing of premise networks
- Multi-function testing: loss, length, ORL, certification
- Integrate with Multi-fiber switch for MPO OLTS testing
- No more swapping cables to test the reverse direction

#### ROGUE Modules: OLTS/Certification

Each ROGUE test module uses state-of-the-art technology to produce the most accurate results in the shortest amount of time. Modules contain Bi-directional test ports as well as an optical power meter port and Visual Fault locator.

All Multimode ports are Encircled Flux compliant as required by ANSI/TIA and ISO/IEC.

Rogue customers can easily turn the OLTS solution into a full tier 1 certifier through a separate certification app.

The virtualization of the test function allows customers to easily and seamlessly interface test functions and accessories such as our Multi-fiber switch.

#### Specifications<sup>a</sup>

OPTICAL	
Emitter Type and Wavelengths	LED: 850 nm ±30 nm 1300 nm ±20 nm Laser: 1310 nm ±20 nm 1550 nm ±30 nm
Safety Class	Class I FDA 21 CFR 1040.10 and 1040.11, IEC EN60825-1: 2007-03
Detector Type	InGaAs
Launch Condition	Encircled Flux compliant to TIA-526-14-B, ISO/IEC 14763-3 and IEC 61280-4-1
Length Measurement Range	MM: 5 km   SM: 200 km
Power Measurement Range	+6 to -60 dBm
Output Power	>-20 dBm, 62.5 μm (MM); 0 dBm, 9 μm (SM)
Stability <sup>b</sup>	±0.1 dB over 1 hour ±0.15 dB over 8 hours
Wave ID Transmit	Yes
Tone Generation	270 Hz, 330 Hz, 1 kHz, 2 kHz
Input Connector	Interchangeable connector adapter (LC standard, SC, ST, FC optional)
VISUAL FAULT LOCATOR (VFL)	
Emitter Type	Visible red laser, 650 ±20 nm
Safety Class	Class II FDA 21 CFR 1040.10 and 1040.11, IEC 60825-1: 2007-03
Output Power (nominal)	0.8 mW into single-mode fiber

#### Notes:

- a. All specifications valid at 23°C ±2°C (73.4°F ±3.6°F) unless otherwise specified.  
b. After 15 minutes warm-up.

#### Ordering Information

DESCRIPTION	AFL NO.
Module – SM 1310/1550 nm, Single Engine	RG-1100-S01
Module – SM 1310/1550 nm, Dual Engine	RG-1100-S01-D
Module – Quad MM 850/1300 nm, SM 1310/1550 nm	RG-1100-Q01

