

Building Better Networks with **ROGUE™** | **aEROS™** Test Suite

NEW



ROGUE Modules: Turbo™ 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 users can easily turn the Turbo 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.

Features

- Turbo bi-directional testing on 2 links at once
- Dual-fiber, dual-wavelength
- SM and MM versions
- Integrated OPM, OLS and VFL (650 nm)
- 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

Specifications^a

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 ^b	±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.



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Ordering Information

DESCRIPTION	AFL NO.
Module – Quad MM 850/1300 nm, SM 1310/1550 nm	RG-1100-Q01
Module – MM 850/1300 nm, Single Engine	RG-1100-M01
Module – MM 850/1300 nm, Dual Engine	RG-1100-M01-D
Module – SM 1310/1550 nm, Single Engine	RG-1100-S01
Module – SM 1310/1550 nm, Dual Engine	RG-1100-S01-D

ROGUE Certification Kits

- Each ROGUE Certification kit includes two (2) of each: ROGUE Carrier, battery, adjustable carry strap, power supply, carry case, kickstand.
- Each ROGUE Certification kit also includes kit-specific ROGUE Modules and Certification license(s) (see table below).
- All ROGUE Certification kits include (1) One-Click Cleaner SC/2.5 mm and switchable test port adapters and test accessories (see table below).

ROGUE CERTIFICATION KITS	CONTAINS (e.a.)									AFL NO.	
	ROGUE MODULES		LICENSE	REFERENCE TEST CORDS		MATING ADAPTERS	TEST PORT ADAPTERS				
	QUAD SM/MM	DUAL ENGINE		SM	50 μM MM		OPM				
							SM	MM	SC		SC
Quad SM/MM	2		2	2	2	2	2	2	2	RGK-CERT01	
Dual Engine SM and MM		2	2	4	4	4	4	8	4	4	RGK-CERT02
Dual Engine SM		2		2	4		2	4	2	2	RGK-CERT03
Dual Engine MM			2	2		4		2	2	2	RGK-CERT04

ROGUE MFS Certification Add-on Kits

- Each ROGUE MFS (Multi-fiber Switch) Certification Add-on kit include (2) Multi-fiber Switches, (2) 6 in. USB-USB mini cables, (1) One-Click Cleaner MPO, (2) MFS carry holsters, (2) MFS kit carry cases plus test cords and mating adapters (see table below).

ADD-ON KIT	CONTAINS (e.a.)				AFL NO.
	12F MFS SWITCH	TEST CORDS		MPO-MPO MATING ADAPTERS	
		SC-SC, 0.3 M.	12F MPO-MPO, 2 M.		
SM, SC/UPC-MPO/APC	(2) SM, SC/UPC-MPO/APC	(2) SM	(2) SM, type A unpinned (1) SM, type A pinned (1) SM, type B pinned	(2) key Up / key Down	RGK-MPO-SM-CERT-ADD
MM, SC/UPC-MPO/UPC	(2) MM, SC/UPC-MPO/UPC	(2) MM	(2) OM4, type A unpinned (1) OM4, type A pinned (1) OM4, type B pinned	(2) key Up / key Up (2) key Up / key Down	RGK-MPO-MM-CERT-ADD



International Sales and Service Contact Information

Available at www.AFLglobal.com/Test/Contacts