

VIAVI

SmartClass Fiber OLP-87

PON Power Meter NG-PON2 Wavelength Selective Version

The VIAVI Solutions® SmartClass™ Fiber OLP-87 NG-PON2 is an FTTx/PON power meter for use in qualifying, activating, and troubleshooting of next-generation, high-speed NG-PON2 networks.

Part of the VIAVI SmartClass Fiber family, the OLP-87 NG-PON2 combines a high-performance λ -selective FTTx/PON meter with pass/fail fiber inspection analysis into one portable solution. These combined capabilities guarantee service providers a lifetime of network and service performance, and gives contractors an essential tool for delivering best-in-class, reliable networks to their customers. The OLP-87 is ideal for end-of-line testing, activation, and maintenance of NG-PON2 networks. By using separate wavelength selective power meters it is possible to analyze each individual channel of the NG-PON2 signals separately. Low insertion loss, through-mode capability enables simultaneous power measurements of downstream and burst mode upstream signals.

The OLP-87 is compatible with the P5000i digital analysis microscope so users can check fiber end-face quality and get pass/fail acceptance results with one button push.



Benefits

- Reduced OPEX: Easy operation due to simplified workflow driven user interface reduces training cost and makes all technicians fiber experts
- Reduces time for trouble shooting as each individual NG-PON2 channel power can be analyzed
- Certification and documentation: Auto fiber end-face certification and PON-power measurements prove that quality of work meets industry standards and network/customer specifications

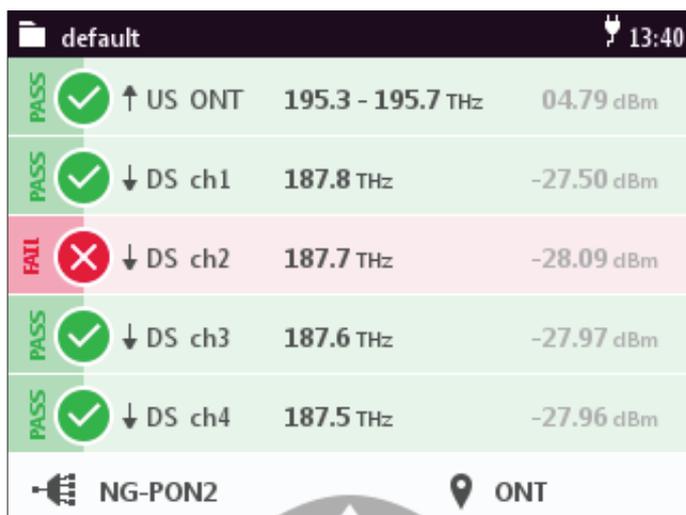
Features

- Field-portable λ selective PON power meter with through-mode capability
- Can measure each individual NG-PON2 TWDM-channel
- Burst mode measurement for NG-PON2 TWDM upstream signals
- Pre-defined threshold sets for auto Pass/Fail analysis of PON power measurements
- Automated Pass/Fail fiber inspection analysis with optional P5000i microscope
- Rugged, weather-proof design

A new workflow driven user interface simplifies acceptance testing with simple selection of ITU-T standardized pass/fail thresholds. Users can easily save test results and generate certification reports to document work quality. Integrating these capabilities into one solution drives technician behavior toward implementing today's best practices in a seamless workflow that optimizes efficiency and reliability to get jobs right—the first time.

The handheld OLP-87 can be used anywhere today's fiber technicians go, up poles or down holes. Technicians get ultimate flexibility and performance from this powerful, easy-to-use solution that can help any technician become an instant fiber expert.

Wavelength selective power measurements in next generation NG-PON2 FTTx networks.

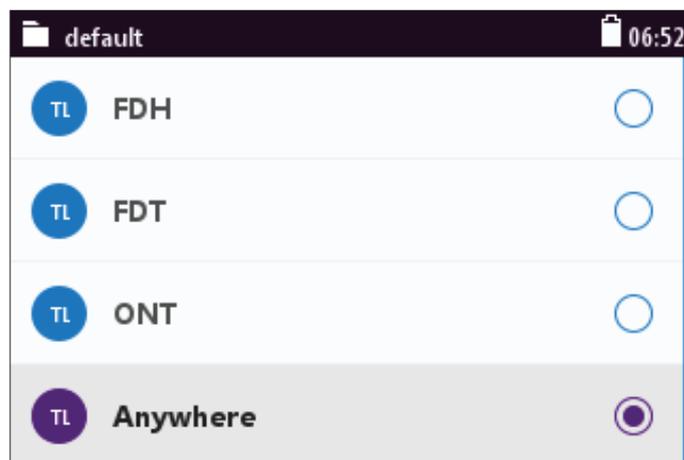


Analysis of the power level for each NG-PON2 channel

Inspect and Test Fiber Anywhere

Use optional P5000i digital analysis microscope with automatic image centering and auto pass/fail analysis to inspect fiber end faces and eliminate poor-quality components from entering your network.

New Workflow-driven GUI to Auto-Select Pass/Fail Acceptance Criteria



Easily select internally stored Pass/Fail thresholds by selecting the measurement Location providing reliable acceptance testing with simultaneous display of all PON power levels.

Store Inspection and Measurement Readings on the Device

Store up to 10,000 measurement results on the device or, for additional storage, on a USB memory stick.

VIAVI Care Support Plans

Increase your productivity for up to 5 years with optional VIAVI Care Support Plans:

- Maximize your time with on-demand training, priority technical application support and rapid service.
- Maintain your equipment for peak performance at a low, predictable cost.

Plan availability depends on product and region. Not all plans are available for each product or in every region. To find out which VIAVI Care Support Plan options are available for this product in your region, contact your local representative or visit: viavisolutions.com/viavicareplan

Features

*5-year plans only

Plan	Objective	Technical Assistance	Factory Repair	Priority Service	Self-paced Training	5 Year Battery and Bag Coverage	Factory Calibration	Accessory Coverage	Express Loaner
 BronzeCare	Technician Efficiency	Premium	✓	✓	✓				
 SilverCare	Maintenance & Measurement Accuracy	Premium	✓	✓	✓	✓*	✓		
 MaxCare	High Availability	Premium	✓	✓	✓	✓*	✓	✓	✓



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