VIAVI
OLP-37XV2

SmartPocket™ V2 Selective PON Power Meter

VIAVI Solutions new OLP-37XV2 Selective PON Power Meter quickly, easily, and conveniently measures power levels and loss in fiber/FTTx networks and fits perfectly in your pocket. Easy-to-use for technicians at any skill level, the SmartPocket V2 offers a dedicated and cost-optimized solution for testing and troubleshooting fiber/PON services in the field. The smart and rugged OLP-37XV2 also includes unprecedented data storage capacity supported by result downloads to a PC or upload to the cloud.

Key Benefits

- Ready when you need it – ultra-high reliability and high availability

    - Dependable, German design
    - Designed with outdoor environment in mind
    - Low power consumption for extended continuous use
    - Instant On – no boot time

- Easy to use

    - High-Visibility backlit graphical display with context-sensitive softkey
    - Clear pass/fail information
    - Automatic upload of results via VIAVI Mobile Tech application

- Supports co-existence of G/E-PON and XGS-PON/10G-EPON services on the same PON

Key Features

- Single test port connection with SC adapter for dual wavelength measurement

- Selective power level measurements for both G/E-PON and XGS-PON/10G-EPON services

- Storage for > 1000 test results and PC download capability

- Bluetooth low energy connectivity to the VIAVI Mobile Tech App

Applications

- Measuring optical power levels and link insertion loss for both G/E-PON and XGS-PON/10G-EPON networks

- Multi-service PON/FTTH deployment and installs

- FTTA (fiber to the antenna) for 5G

Features and benefits

Ultra-reliable German design
Built for rugged, outdoor use
Still fits in your pocket!

Improved protection cap
can be fully opened

Huge storage capacity
> 1000 test results

Softkey flexibility

Multiple power options (4-way)
2x Alkaline AA, 2x NiMH AA rechargeable,
AC power adapter, USB

Bluetooth low energy connectivity
to the VIAVI Mobile Tech App

New high-visibility graphical display
with backlight

Innovative low-power design
exceptionally long battery life over
45 hrs. continuous operation

USB-C interface
powering, offload of results, connection to PC

Instant On – Easy to use – Good to go in no time

Instant on means SmartPocket V2 is ready as soon as you are, no waiting for an instrument to boot up, it is there the instant you need it. A high visibility back-lit display makes SmartPocket V2 usable in all lighting conditions, indoors and outdoors, and combined with the super simple user navigation means you can close out more jobs per day.

Filtered Measurements and Single Test Port

Filtered measurements are necessary when there is more than one service wavelength present on a fiber, broadband power meters are simply not suitable in such conditions as they will combine and sum the power from multiple wavelengths providing incorrect measurement results. In addition, broadband power meters do not distinguish or identify the wavelength being measured so you may have good power levels but cannot tell if it is a G/E-PON or XGS-PON/10G-EPON service which could lead to the incorrect ONU/ONT installation or replacements and service activation delays.

The single test port OLP-37XV2 allows for simultaneous filtered measurement of both G/E-PON (1490 nm) and XGS-PON/10G-EPON (1577 nm) wavelengths with a single fiber connection, an ideal solution for networks delivering services from two different providers over the same PON in a coexistence model, and for installers who must move regularly between G/E-PON and XGS-PON/10G-EPON networks and future proofed for service providers delivering G/E-PON today and considering upgrading/migrating to XGS-PON/10G-EPON.

Superior Battery Life and powering options

Taking measurements and performing the certification of a fiber install is the final step to closing out tasks while you are still on-site. Without test equipment powered and ready to go you run the risk of missing a deadline or having to make a site re-visit to finish a job. To avoid this the SmartPocket V2 offers a low power consumption design for extended continuous use and supports 4 way powering with field replaceable NiMH rechargeable, off the shelf alkaline batteries, AC powering and power over USB. Meaning that you will never be short of power for long or need to wait for unit batteries to recharge.

Low Cost of Ownership

Calibration interval means no extra annual charges and your equipment will meet requirements for reporting and certifying (i.e. to be in calibration).

Test and Report Field Measurements

VIAVI Smart Reporter reporting software lets users quickly and efficiently download test results data from the power meter's memory with just a few clicks. After it is downloaded, the software reporting functions let users generate and customize professional certification reports.

Connected for superior workflow and reporting

In today's world it is essential for techs and their instruments to be connected, not only to reduce manual effort and risk of mistakes but also to deliver seamless reporting. SmartPocket V2 is integrated with the VIAVI Mobile Tech App to ensure optimal workflow freeing up techs and contractors to get on with the assigned jobs rather than being slowed down with report generation and submission.

Job Manager
- Easily create job templates via Mobile Tech App
- Associate tests to specific workorder or job number
- Sequence of individual test tasks grouped together in a single job
- No need to type in settings or labels on the job site
- No more missed or invalid test results; launch, test and auto upload of results

Mobile Tech App
- Mobile App available for iOS and Android
- Independent guest account and integrated StrataSync™ account operation
- Create and push job with label list to instrument, pull test results back to app
- Enriches test results with workflow audit details, geolocation data and time stamp
- Synchronization to StrataSync for results upload, firmware updates, asset and option management

Job Manager and Mobile Tech App are part of the StrataSync Test Process Automation Suite, a solution that empowers you to deploy test plan procedures to technicians to simplify and automate your network tests. Test Accurately in Half the Time to Boost Productivity.

Inspect Before You Connect (IBYC)

Contamination is the number 1 reason for troubleshooting optical networks. Proactive inspection and cleaning of fiber connectors can prevent poor signal performance, equipment damage, and network downtime.
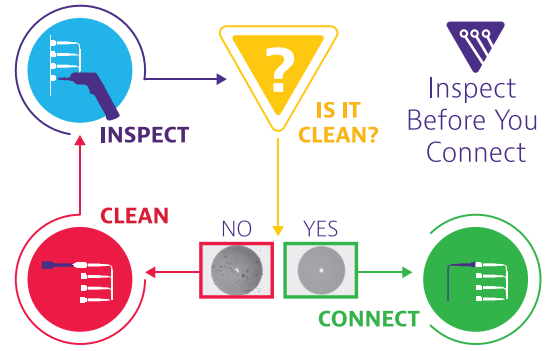
VIAVI Care Support Plans

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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