

Brochure

# VIAMI

## OLS-34V2, OLS-35V2, OLS-36V2 and OLS-38V2

### SmartPocket™ V2 Optical Light Sources

The VIAMI OLS-3xV2 series consists of small and rugged optical light sources (OLS) for quick, easy, and convenient field insertion loss measurement and continuity checks. SmartPocket V2 OLS are ideal tools to complement the OLP-3xV2 optical power meters for insertion loss and continuity testing in both multimode and single mode optical fiber networks. They offer a dedicated and cost-optimized solution for testing and troubleshooting optical fibers in the field. All SmartPocket V2 sources are equipped with Auto-λ and Multi-λ functions compatible with any SmartPocket V2 power meter. This one button operation provides a quick, simple, and error-free testing solution, which makes SmartPocket V2 OLS the ideal tools for daily field testing.



OLS-35V2



OLS-36V2

#### Products:

- The OLS-34V2 covers all standard dual wavelength multimode telecommunication network applications with 850 / 1300 nm
- The OLS-35V2 covers all standard dual wavelength single mode telecommunication network applications with 1310 / 1550 nm
- The OLS-36V2 quad-wavelength solution covers both multimode and single mode wavelengths (850 / 1300 and 1310 / 1550 nm)
- The OLS-38V2 covers all standard tri wavelength single mode telecommunication network applications with 1310 / 1550 / 1625 nm

#### 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
  - Auto-λ, Multi-λ mode

#### Key Features

- Combines up to 4 wavelengths in one instrument (SM + MM)
- Fiber Tracing – generating light source tone(s)
- Cost-effective and compact optical light sources
- Switchable optical adapter versions available for maximum flexibility

#### Applications

- Measuring optical power levels and link insertion loss for both Single mode and Multimode networks
- Network Build and Maintenance for
  - Enterprise/LAN
  - Access and Metro (LAN/WAN)
  - FTTx (e.g. Home/Antenna)
- Standard and high-power level tests for use in telecom, CATV, and military applications build

## Features and benefits

### Ultra-reliable German design

Built for rugged, outdoor use  
Still fits in your pocket!

### Improved protection cap can be fully opened

Multi-λ

07:15

1310 nm -6 dBm

1550 nm -6 dBm

MODE ON/OFF

OL5-35

### Softkey flexibility

### Multiple power options (4-way)

2x Alkaline AA, 2x NiMH AA rechargeable,  
AC power adapter, USB

### Switchable optical adaptors

for physical contact (SC, FC, ST, LC)

### New high-visibility graphical display with backlight

### Innovative low-power design

exceptionally long battery life over  
25 hrs. continuous operation

### USB-C interface

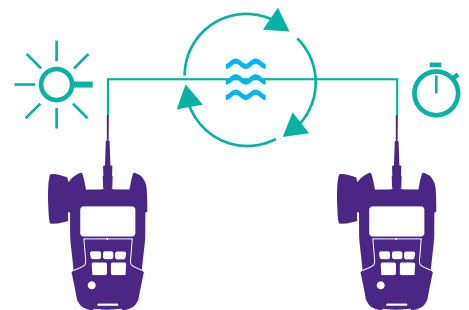
powering, firmware updates

## 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's there the instant you need it. A high visibility back-lit display makes SmartPocket V2 usable in all lighting conditions indoors and outdoors.

## Auto-λ, Multi-λ Mode

When SmartPocket V2 OLS are used in combination with SmartPocket V2 optical power meters (OLP-3xV2), the new super-fast Auto-λ mode reduces the time to measure up to 3 wavelengths on the same fiber to less than a second. Delivering lightning-fast, error free, multi-λ loss testing saves time when testing and becomes critical to getting jobs finished and links delivered on time especially when working in high fiber-count environments.



## Robust and ready for field use

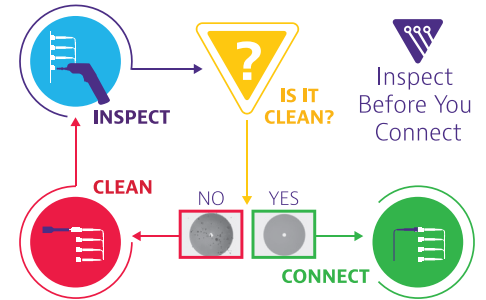
The SmartPocket V2 robust design with integrated rubber 'bumpers' make it ready for use in the real world and able to survive the odd bump or knock while the recessed test port and test port cap protects the connector from accidental damage.

## Superior Battery Life and powering options

Taking measurements and performing that 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 have to wait for unit batteries to recharge.

## 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](https://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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