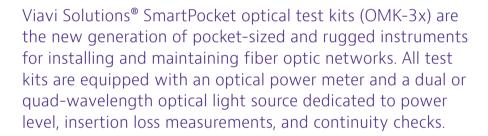


SmartPocket[™] Optical Test Kits

OMK-34/35/36/38



Rugged Field Design and Flexible Optical Interface

A lightweight, shock-resistant splash-proof design and an extended operating time make OMK-3x test kits ideal solutions for field use. A switchable adapter system on the light source with a universal push pull (UPP) adapter on the power meter that handles all 2.5 mm connectors (1.25 mm as optional accessory) make OMK-3x test kit ready for every connector type in the field.

Auto-λ Recognition Mode and TwinTest Mode

Auto- λ is a special feature developed by Viavi to identify wavelengths automatically, helping avoid any manipulation errors due to incorrect settings.

In TWINTest mode, the source automatically toggles between two wavelengths. The far end optical power meter automatically measures both wavelengths.

Network Documentation and Certification

All Viavi SmartPocket optical power meters provide result storage capability of up to 100 results. A micro USB port provides straightforward downloading using SmartReporter software. This software offers PDF or Excel report generation with pass/fail analysis against customized or industry standard thresholds.



Key Features

- Essential optical test kits for enterprise and service provider applications
- Certify standard, high dynamic, and high power applications
- Auto-wavelength and TWINTest features for error-free and efficient testing
- Permanent reference-level storage
- Fast result download and report generation with SmartReporter freeware

Applications

- Optical power level and link Insertion loss measurements for:
 - Enterprise/LAN networks with 850/1300 nm multimode wavelength capability
 - Access and metro (LAN/WAN) networks with multimode and single-mode testing combinations
 - Standard and high power level testing for telecom, CATV, and military applications
- Continuity checking and tone detection

The Right Kit for Every Application

Instruments					Applicat	ions			
		Light Source	Power Meter	Wavelength	MM*	SM*	Access/ FTTx	Metro/ Core	LAN/WAN Enterprise
Enterprise	OMK-34	OLS-34	OLP-34	850/1300 nm	✓				✓
	OMK-36	OLS-36	OLP-35	850/1300 nm 1310/1550 nm	✓	✓	✓	✓	✓
Service Providers	OMK-35	OLS-35	OLP-35	1310/1550 nm		✓	✓	✓	
	OMK-38	OLS-35	OLP-38	1310/1550 nm		✓	✓ Video overlay	√ CATV	

^{*} MM = multimode SM = single-mode



OMK-3x kit with light source, power meter, power supply, and USB cable.

Viavi OMK-3x optical test kits provide essential tools for power and insertion loss measurement and are ideal for a wide range of installation and maintenance applications.

OMK-34

The OMK-34 is a dual-wavelength multimode optical test kit with a single-port LED source and a power meter with a universal push/pull adapter (UPP) interface for power level and loss measurement in LAN and enterprise environments.

OMK-35

The Viavi OMK-35 is a dual-wavelength single-mode optical test kit with a single-port laser source and a power meter with a UPP interface for power level and loss test measurement in access, metro, and core networks.

OMK-36

The Viavi OMK-36 is an all purpose quad-wavelength optical test kit with a dual-port multimode/singlemode light source and a power meter with a UPP interface for all single-mode and multimode power and loss measurements.

OMK-38

The Viavi OMK-38 is a dual-wavelength single-mode optical test kit with a single-port laser source and a power meter with a UPP interface for high power level and loss measurement in high-power networks and amplified network applications.

Technical Specifications

		OMK-34 Enterprise Kit	OMK-36 Enterprise Quad Kit	OMK-35 Service Provider Kit	OMK-38 Service Provider Hi-Power Kit			
Light Source		OLS-34	OLS-36	OLS-35	OLS-35			
Fiber type		MM (50/125 μm)	MM (50/125 μm)/SM	SM	SM			
Output power		-20 dBm	-20 dBm/-7 dBm	-7 dBm	-7 dBm			
Wavelength uncertainty		± 20 nm						
Connector type		Switchable adapters						
Power Meter		OLP-34	OLP-35	OLP-35	OLP-38			
Power range		-60 to +5 dBm	-65 to +10 dBm	-65 to +10 dBm	-50 to +26 dBm			
Max. input power		+13 dBm	+16 dBm	+16 dBm	+27 dBm			
Connector type		Universal push pull (UPP), interface 2.5 mm (1.25 mm as accessory)						
Data storage		100 results						
General Loss	Test Set Spe	cifications						
Wavelength	850 nm	X	X					
	1300 nm	X	X					
	1310 nm		X	X	X			
	1550 nm		X	X	X			
Loss dynamic range		40 dB	40/58 dB	58 dB	43 dB			
General Spec	ifications							
Dimension (w x h x d)		280 x 215 x 50 mm (11 x 8.5 x 2 in)						
Weight		0.6 kg (1.32 lb)						

All OMK-3x kits include:

- A power meter with USB port (download capability and AC powering)
- A light source with switchable adapter (SC/PC mounted and FC/PC as a spare part)

Ordering Information

Description	Reference
Smart Pocket Test Kits	
OMK-34P Enterprise Plus- MM SmartPocket Test Kit with USB port	2127/01
OMK-36P Enterprise Plus- SM/MM SmartPocket Test Kit with USB port	2127/04
OMK-35P Service Provider Plus- SM SmartPocket Test Kit with USB port	2127/02
OMK-38P Service Provider Hi-Power Plus- SM SmartPocket Test Kit with USB port	2127/03

Each kit comes with AA alkaline batteries, AC power adapter, USB cable, operating manual, neck strap, soft case MT-2P.

Reference	
FCR-CLN-01	
2237/90.02	
2302/90.01	
2302/90.03	
K807	
2127/90.01	
2155/00.32	
2155/00.05	
2155/00.06	
2155/00.07	
2256/90.03	
2	



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