



# Acterna OMK-55 SMART Optical Test Kit

A SMART, Future-Proof Optical Test Kit

## Acterna's SMART optical handhelds go beyond the basics

With more than 70,000 Acterna optical handhelds already in use, Acterna introduces a new line of SMART optical handhelds to help your network graduate to the next level of performance. Acterna's SMART optical handhelds encompass a new, intelligent, and next level product line for testing all optical signals and systems, including broadband, PONs, and Gigabit Ethernet.

All of Acterna's SMART optical handhelds provide:

- An extended number of calibration wavelengths for the highest performance range in the industry.
- The SMARTStar graphical user interface for fast, easy, and straightforward operation.
- The SMARTEnergy power supply management system.
- The SMARTBelt neck strap allowing for the use of both hands in the field.
- A USB port for remote operation as well as easy Microsoft Excel™-based report generation and analysis.
- Traceable measurements to international standards for confidence in accuracy.

– A robust, shock-proof, and splash-proof design for field operation.

– Quick start operation, requiring no warm-up time and reducing testing time.

The **OMK-55 SMART Optical Test Kit** contains all of the tools, including instruments and accessories, necessary to perform professional-grade power or loss tests in the field. Each OMK-55 kit contains a combination of instruments that are specifically designed to meet your needs. Each OMK-55 kit includes an OLP-55 SMART Optical Power Meter, a high-performance optical power meter for testing, installing, and maintaining single-mode and multimode cables and networks. The SMART OLP-55 Optical Power Meter features auto-zeroing (patent pending) for auto dark current compensation.

Each kit also includes an OLS-55 SMART Optical Laser Source. Different versions of the OLS-55 offer flexibility for testing, installing, and maintaining multimode as well as single-mode fiber systems in communications and CATV/multimedia networks.

In addition, the OMK-55 SMART Optical Test Kit may also include an optional OLA-55 SMART Optical Level Attenuator. Due to low differential group delay (DGD), the OLA-55 is suitable for 40 Gbps systems.

## Highlights

- The kit allows you to have all the tools you need on site when you need them.
- The hard or soft carrying case allows for easy organization, protection, and transporting of your instruments and accessories.
- These kits are universal test kits and can be mixed and matched to suit your testing application, thus meeting all of your testing challenges.

## Hard case provides room for three instruments



	<b>2126/33</b> 3 wavelengths	<b>2126/34</b> 3 wavelengths	<b>2126/35</b> Standard telecom	<b>2126/36</b> Standard telecom	<b>2092/33</b> Universal telecom	<b>2092/34</b> Universal telecom	<b>2126/37</b> High-power standard	<b>2126/38</b> High-power standard	<b>2092/35</b> Highest-power universal	<b>2092/36</b> Highest-power universal	<b>2092/32</b> Multimode and single-mode
OLP-55 2277/01			●	●	●	●					●
OLP-55 2277/02	●	●									
OLP-55 2277/03							●	●			
OLP-55 2277/04									●	●	
OLA-55 2280/01					●				●		●
OLA-55 2280/21						●				●	
OLS-55 2279/01			●		●		●		●		
OLS-55 2279/21				●		●		●		●	
OLS-55 2279/02	●										
OLS-55 2279/22		●									
OLS-56 2279/05											●
PC connector	●		●		●		●		●		●
APC connector		●		●		●		●		●	
Soft case	●	●	●	●			●	●			
Hard case					●	●			●	●	●
Wavelength loss test (nm)	1310 1550 1625	1310 1550 1625	1310 1550	1310 1550	1310 1550	1310 1550	1310 1550	1310 1550	1310 1550	1310 1550	850 1300 1310 1550

## Ordering Information – Acterna OMK-55 SMART Optical Test Kit

Description	Replaces	Ordering number
1310/1550/1625 nm kit (2277/02 + 2279/02)	OMK-9	2126/33
1310/1550/1625 nm kit, APC (2277/02 + 2279/22)	OMK-9 (APC)	2126/34
1310/1550 nm kit (2277/01 + 2279/01)	OMK-14c	2126/35
1310/1550 nm kit, APC (2277/01 + 2279/21)	OMK-14c (APC)	2126/36
1310/1550 nm kit, + OLA (2277/01 + 2280/01 + 2279/01)	OMK-15c	2092/33
1310/1550 nm kit, + OLA, APC (2277/01 + 2280/21 + 2279/21)	OMK-15c (APC)	2092/34
1310/1550 nm kit, high-power (2277/03 + 2279/01)	OMK-18c	2126/37
1310/1550 nm kit, high-power, APC (2277/03 + 2279/21)	OMK-18c (APC)	2126/38
1310/1550 nm kit, highest-power, + OLA (2277/04 + 2280/01 + 2279/01)	OMK-19c	2092/35
1310/1550 nm kit, highest-power, + OLA, APC (2277/04 + 2280/21 + 2279/21)	OMK-19c (APC)	2092/36
850/1300 nm MM 1310/1550 nm SM kit, + OLA (2277/01 + 2280/01 + 2279/05)	<b>new</b>	2092/32

BN 2126 = soft case version

BN 2092 = hard case version

Acterna Advantage<sup>SM</sup> – adding value with global services and solutions

From basic instrument support for your field technicians to management of complex, company-wide initiatives, Acterna's service professionals are committed to helping you maximize your return on investment. Whatever your needs – product support, system management, education solutions, tailored test & measurement solutions or refurbished equipment – we offer programs that will give you the competitive edge. To learn more about how Acterna Advantage can help your business be more successful, visit the services section on your local web page at [www.acterna.com/](http://www.acterna.com/).

Acterna is the world's largest provider of communications test solutions for telecommunications and cable network operators. A trusted communications test partner for more than eight decades, Acterna offers an unmatched portfolio of award-winning instruments, systems, software and services that help its customers reduce network costs while improving performance and reliability. Headquartered in Germantown, Maryland, USA—with European and Asia-Pacific operations based in Eningen, Germany and Hong Kong—Acterna serves nearly every major communications service provider and equipment manufacturer around the world through a skilled sales and support organization in 31 countries.

### Worldwide Headquarters

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Acterna is present in more than 80 countries. To find your local sales office go to: [www.acterna.com](http://www.acterna.com)

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