

# KI 2600 Series

## Hand Held Fiber Meter

### Optical Communications Test Applications

- System power testing
- Attenuation testing
- Fiber identification
- Fault Finding & Continuity Testing



### Revision 23

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A fully featured Hand Held Optical Power Meter used for testing fiber optic communications systems.

Superior measurement confidence is achieved through a combination of excellent basic accuracy, intuitive use, and rugged reliability.

Options cover power levels from +33 to -70 dBm, all useful wavelengths, many connector styles including duplex / ribbon, and large core POF fiber.

### Features

- Reliable, rugged & versatile
- Simple to use
- Very long battery life
- LCD is large, clear, sunlight readable & backlit
- Interchangeable connectors with dust cap/tilt bail
- 31 genuine 1% traceable calibration wavelengths
- External power / charger via micro-USB port
- Memory with text, timestamp, and USB dump
- Simultaneous 3  $\lambda$  loss display with Autotest source
- Flexible real-time PC reporting software
- Multi-Fiber ID tone for fiber identification
- Optional visual fault finder
- Power averaging mode for modulated signal
- Max / Min recording
- ISO 17025 traceable calibration certificate
- External power / charging via USB
- 3 years warranty
- 3 years recommended calibration cycle
- Made in Australia



## VFL SPECIFICATIONS

| Parameters   | Value                 |
|--------------|-----------------------|
| Output power | +2 ± 1 dBm            |
| Wavelength   | 650 nm                |
| λ width      | 3 nm                  |
| Modulation   | CW, 2, 270, 1k, 2k Hz |

Australian and international patents. Technical data is subject to change without notice as part of our program of continuous improvements. The visible laser is a Class 1 Laser product compliant with IEC60825-1 and 21CFR1040.10.

## GENERAL SPECIFICATIONS

| Parameters                    | Values   |
|-------------------------------|--|
| Battery life                  | Up to 1000 hours laser & backlit off / 200 hours laser in blink mode   |
| Size / Weight                 | 190 x 105 x 35 mm (7.5 x 4.1 x 1.4") / 420 gm (0.9 lb.). Shipping 1.5 Kg (3.3 lb.)   |
| LCD size                      | 74 x 55 mm / 2.9 x 2.2"  |
| Operating / Storage           | -15 to 55 °C / -25 to 70 °C  |
| Relative humidity             | 0 ~ 95 %   |
| Case                          | Polycarbonate / rubber edges & corners, moisture resistance, 1-meter drop tested   |
| Dust cap                      | Captive, functions as tilt bail when slid open   |
| Tone detection                | 150 ~ 9900 Hz ± 1 %  |
| Max / min                     | Recording feature for stability testing  |
| Power                         | 2 x Alkaline / Lithium AA cells or 2 x NiMH AA cells, user selectable charging; Ext power input via micro-USB; Selectable auto-off, low battery indicator, backlit display |
| Memory                        | 1000 4-λ tests with date & time in internal memory, unlimited on USB memory key  |
| USB interfaces                | USB-micro type connector for general USB & power; USB-A type connector for memory key only   |
| Warranty                      | 3 years  |
| Recommended calibration cycle | 3 years  |

## ORDERING INFORMATION

| Description                         | Part Number   |
|-------------------------------------|---------------|
| Instrument, Power Meter InGaAs      | KI2600-InGaAs |
| Instrument, Power Meter InGaAs, VFL | KI2601-InGaAs |
| Instrument, Power Meter H5          | KI2600-H5     |
| Instrument, Power Meter H5, VFL     | KI2601-H5     |
| Instrument, Power Meter H6          | KI2600-H6     |
| Instrument, Power Meter H6, APC     | KI2600-H6-APC |
| Instrument, Power Meter Ge          | KI2600-Ge     |

Please enquire for non-standard specifications

## STANDARD ACCESSORIES

| Description                                  | Quantity                       |                |
|--|--------------------------------|----------------|
|  | KI 2600 series                 | KI 2601 series |
| SC connector adaptor (OPT046)                | 1                              | 2              |
| Operation manual                             |                                | 1              |
| QA certificates                              |                                | 1              |
| ILAC/ NATA traceable calibration certificate |                                | 1              |
| Carry Pouch (OPT149)                         |                                | 1              |
| Carry strap                                  |                                | 1              |
| USB-A to USB-micro type cable                |                                | 1              |
| KITS™ Recording/Reporting software           | Download from website for free |                |

## OPTIONAL ACCESSORIES

| Description  | Part number  |
|--|--------------|
| Option, Carry Case, KI2x/KI7x/KI3x, small (Carry Case for 2 Instruments) | OPT153-CASE* |
| Option, Carry Case, Cletop, Cleaning Sticks, KI2x / KI9x, large          | OPT154B*     |

Please visit [kingfisherfiber.com](http://kingfisherfiber.com) for a wide range of FiberTester kits.

## OPTIONAL INTERCHANGEABLE CONNECTOR ADAPTORS

| Description   | Part number | Description  | Part number |
|---|-------------|--|-------------|
| Option, Hybrid Adaptor, Ceramic Sleeve, SC/FC             | OPT051      | Option, Hybrid Adaptor, Ceramic Sleeve, SC/E2000                             | OPT060      |
| Option, Hybrid Adaptor, Ceramic Sleeve, SC/LC, metal body | OPT076      | Option, Hybrid Adaptor, Ceramic Sleeve, SC/E2000 Green                       | OPT060G     |
| Option, Hybrid Adaptor, Ceramic Sleeve, SC/ST             | OPT040      | Option, Hybrid Adaptor, Ceramic Sleeve, SC/Universal 1.25 mm                 | OPT084      |
| Option, Hybrid Adaptor, Ceramic Sleeve, SC/D4             | OPT055      | Option, Hybrid Adaptor, Ceramic Sleeve, SC/Universal 2.5 mm                  | OPT081      |
| Option, Hybrid Adaptor, Ceramic Sleeve, SC/MU             | OPT080      | Option, Hybrid Adaptor, Metal Sleeve, SC/SMA 905/906                         | OPT082      |
| Option, Hybrid Adaptor, Ceramic Sleeve, SC/LSA-DIN47256   | OPT071      | Option, Hybrid Adaptor, Ceramic Sleeve, SC/F3000 or LC Simplex, plastic body | OPT072      |

The power meter works with both PC and APC connectors.



## AUTHORIZED DEALER