

KI 2600 Series

Hand Held Fiber Meter

Optical Communications Test Applications

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



Revision 23

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 λ 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 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.



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