

KI 6680

Mini Fiber Inspection Probe

Optical Communications Test Applications

- Optical connector end face inspection
- Multimode, single mode, MPO
- Most male and female connector styles



Revision 4

The KI6680 is a handy tool to check fiber optic connector end faces for dirt, condition and quality.

The image can be viewed and stored on Windows, Android or iOS devices via Wi-Fi or USB.

Easy operation, robust construction and quality optics ensures that this equipment will enhance the performance of installation and maintenance staff.



Features

- Simple, compact and reliable
- Captive dust/protective cap
- Long operation from built-in rechargeable battery with charging via USB-C cable
- Quick-change adaptors for many connector styles
- Good image quality with easy focus
- Image can be centered and expanded
- On-probe image capture button
- LED torch for work in low light conditions
- Handy storage case for inspection adaptors
- Simplex and duplex connectors
- Economical
- 18 months warranty

KI 6680 Series – Mini Fiber Inspection Probe

The KI 6680 Mini Fiber Inspection Probe is used to inspect fiber optic connectors for quality and dirt, condition or quality, and offers improved overall performance and features.

The high-quality images can be viewed and stored on Windows, Android and iOS devices via a WiFi or USB or connection. The imaging apps can be downloaded from Kingfisher's website for free.

This simple tool features easy and precise focusing, and its image self-centering design enable users to swap adaptors quickly and easily.

Standard adaptors include, 1.25mm Male, 2.5mm Male, FC Female, SC Female, LC Female, and many more are available as options to suit your

specific needs. The adaptors can be stored, organized and kept clean in the dust-tight storage case that comes with the probe.

When WiFi mode is selected, the image capturing button on the probe allows user to capture image conveniently without having the need to release one hand to reach the relevant touch pad on PC or smart device.

The wrist strap with a captive dust cap provides protections to the adaptor and adaptor head against damage from dropping the probe.

The probe features an illumination LED that can be switched on to assist work under dark or low light conditions.

SPECIFICATIONS

Parameters	Value
Camera sensor	1280 x 960 pixels
Resolving power	< 1 μ m
Magnification	200x / 400x
Field of View	512 x 384 μ m
Focus method	Manual
Image capturing	On-probe button (for WiFi mode only), software (for all modes)
Communication interface	WiFi802.11 / USB2.0
Software compatible	WiFi Android 4.2 and above, iOS 9.3 & above
	USB PC Win7 and above
Power	Built-in Lithium battery rechargeable via USB, 2.5hrs max charging time
Battery life	5 hours
Operating/storage temp	-10 to +50 °C/ -20 to + 50 °C
Relative humidity	95%
Weight	188 g including battery
Size	195(L) x 40(W) x 25(H) mm

ORDERING INFORMATION

Description	Part Number
Instrument, Mini Fiber Inspection Probe, WiFi / USB connection	KI 6680

STANDARD ACCESSORIES

Description	Quantity
Adaptors: 1.25mm Male, 2.5mm Male, FC Female, SC Female, LC Female	1 each
Captive protective cap	1
USB charger with Interchangeable International Plug Style Adaptors	1 set
USB Cable (type A – type C)	1
Storage case for inspection tips	1
Carrycase and carry strap	1 each
Operation manual	1
QA certificate	1
Free imaging software, KI6680 Img Viewer: For Android & iOS devices, download from Google Play or App Store For PC, download from Kingfisher website	

OPTIONAL ACCESSORIES

Description	Part number
Option, Mini Insp Probe Adaptor, 1.25mm Male, APC	OPT630A
Option, Mini Insp Probe Adaptor, 2.5mm Male, APC	OPT631A
Option, Mini Insp Probe Adaptor, LC Female, APC	OPT632A
Option, Mini Insp Probe Adaptor, SC Female, APC	OPT633A
Option, Mini Insp Probe Adaptor, FC Female, APC	OPT634A
Option, Mini Insp Probe Adaptor, MPO, PC/APC Interchangeable	OPT635

Please enquire for other PC or APC adaptor types

Technical data is subject to change without notice as part of our program of continuous improvements

AUTHORIZED DEALER



Kingfisher International Pty Ltd
720 Springvale Road, Mulgrave
VIC 3170 Australia

T +61 3 8544 1700
F +61 3 8544 1793
E sales@kingfisher.com.au

kingfisherfiber.com