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 9

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

quality as per IEC61300-3-35 requirements.

The resultant image, data & report are automatically saved, and can be viewed and stored on Windows, Android, 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
• IEC61300-3-35 compliant pass/fail analysis
• Auto generated analysis image, data & reports
• Imaging apps works on Android, iOS & Window devices via USB or Wi-Fi
• 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

by KINGFISHER a TEMPO company

wavetel a simac group company

UK CA CE ISO 9001

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KI 6680 Series – Mini Fiber Inspection Probe

The KI 6680 Mini Fiber Inspection Probe, with support of its imaging apps, makes a useful tool for inspecting fiber optic connectors for dirt condition or quality and offers improved overall performance and features.

The imaging software for Android and iOS smart devices, features IEC61300-3-35 compliant pass/fail analysis with the resultant image/data/report saved automatically with just a push of a button.   Whereas with the imaging apps for Window, high-quality images can be viewed and stored via a Wi-Fi or a USB connection. These imaging apps can be downloaded from Kingfisher's website or Google Play or App Store 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. MPO and many more adaptor types 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.

The physical button on the probe allows user to capture image and/or start pass/fail analysis 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
Resolving power	0.42 um
Particle size detection	< 1 um
Field of View	512 x 384 um
Focus method	Manual
Communication interface	WiFi802.11 / USB2.0
Imaging apps feature	IEC61300-3-35 compliant auto pass/fail analysis (on Android & iOS devices only)
Imaging apps compatibility	Smart devices (via Wi-Fi only): Android 5.0 and above, iOS 13.0 and above Window (via USB or Wi-Fi): Win7 and above
Power	Built-in Lithium battery rechargeable via USB-C, 2.5hrs charging time (from 0 charge)
Operating / storage temp	-10 to +50 °C / -20 to + 50 °C
Relative humidity	95%
Weight	188 g including battery
Size	211 x 44 x 33 mm
Warranty	18 months

ORDERING INFORMATION

Description	Part Number
Instrument, Mini Fiber Inspection Probe, Wi-Fi / USB connection	KI 6680

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STANDARD ACCESSORIES

Description	Quantity
Inspection 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 (US, UK, EU, AU)	1 set
USB Cable (type A-C)	1
Storage case for inspection adaptors	1
Carry case	1
Carry strap	1
Operation manual	1
QA certificate	1
Software: Android version / iOS version	Downloadable free from: www.kingfisherfiber.com or Google Play / App Store
Software: Window version	www.kingfisherfiber.com

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
Option, Mini Insp Probe Adaptor, 1.6 mm Male	OPT637
Option, Mini Insp Probe Adaptor, 2.0 mm Male	OPT638
Option, Mini Insp Probe Adaptor, Optitap	OPT639
Option, Mini Insp Probe Adaptor, E2000 Male	OPT640
Option, Mini Insp Probe Adaptor, E2000 Male, APC	OPT641
Option, Mini Insp Probe Adaptor, E2000 Female	OPT642
Option, Mini Insp Probe Adaptor, E2000 Female, APC	OPT643

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

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