



Digital  
Fiber  
Inspection  
Kit

# Digital Fiber Inspection Kit

## DIGITAL FIBER MICROSCOPE TO INSPECT CONNECTOR END-FACES

Before testing fiber-optic links and every time fiber optic connectors are mated, connector end-faces should be inspected and evaluated to avoid contamination that can cause degradation of network performance and destructive damage in the contact zone. The new fiber microscope provides for a quick and easy inspection of connector end-faces and an automated analysis compliant with IEC 61300-3-35.

The microscope is easily connected via USB with WireXpert and the evaluation of connector end-faces can be added to the test reports.

### FEATURES:

- Inspection and evaluation of connector end-face at the touch of a button
- Automated analysis compliant with IEC 61300-3-35
- Ease of use and quick analysis
- Adapters for the most common fiber-optic connectors are included in the delivery

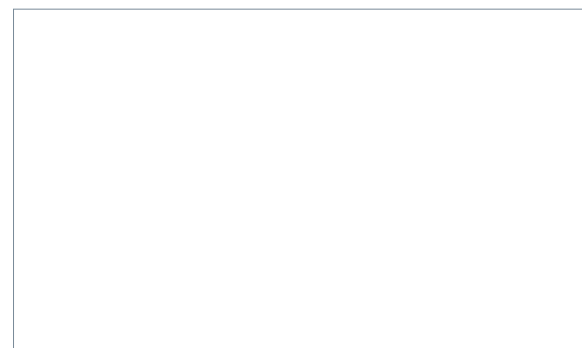
Physical Characteristics	
Weight	0.110 g (3.88oz)
Dimensions	(w × h × d) 140x46x44 mm (5,5x1,8.x1.7 in)
General Specifications	
General Technical	(typical at 25°C)
Low mag field-of-view (FOV)	Horizontal: 740 µm Vertical: 550 µm
High mag field-of-view (FOC)	Horizontal: 370 µm Vertical: 275 µm
Live image	640 x 480 fps
Connector	USB 2.0 (backwards compatible to USB 1.1)
Camera sensor	2560 x 1920, 1/2.5-in CMOS
Particle size detection	<1 µm
Light source	Blue LED, 100,000+ hour life
Accuracy	±1 m ± 10-5 x distance ± sampling resolution (excluding group index uncertainties)
Lighting technique	Coaxial
Power source	<b>USB Port</b>

Product	Part Number	Item Description
WireXpert Digital Fiber Inspection Kit	WX_FX_INSP_KIT	Digital microscope with USB connection to WX4500 and tips for SC/FC/LC connectors
WireXpert FC/PC tip	WX_FX_INSP_FCPC	FC/PC tip for Digital Fiber inspection kit
WireXpert FC/APC	WX_FX_INSP_FCAPC	FC/APC tip for Digital Fiber inspection kit
WireXpert LC/PC tip	WX_FX_INSP_LCPC	LC/PC tip for Digital Fiber inspection kit
WireXpert LC/PC tip Long Reach	WX_FX_INSP_LCPC_L	LC/PC tip for Digital Fiber inspection kit - Long Reach
WireXpert LC/APC tip Long Reach	WX_FX_INSP_LCAPC_L	LC/APC tip for Digital Fiber in spection kit - Long Reach
WireXpert SC/PC tip	WX_FX_INSP_SCPC	SC/PC tip for Digital Fiber inspection kit
WireXpert SC/APC tip	WX_FX_INSP_SCAPC	SC/APC tip for Digital Fiber inspection kit
WireXpert ST tip	WX_FX_INSP_ST	ST tip for Digital Fiber inspection kit
WireXpert 1.25mm Patchcd PC	WX_FX_INSP_125PC	1.25mm Patchcord PC
WireXpert 1.25mm Patchcd APC	WX_FX_INSP_125APC	1.25mm Patchcord APC
WireXpert 2.5mm Patchcd PC	WX_FX_INSP_25PC	2.5mm Patchcord PC
WireXpert 2.5mm Patchcd APC	WX_FX_INSP_25APC	2.5mm Patchcord APC
WireXpert MPO MM tip	WX_FX_INSP_MPOMM	MPO MM tip for Digital Fiber inspection kit

## ABOUT SOFTING INC.

As of January 1, 2015, the official North America company name for Softing Industrial Automation is Softing Inc.

For over 35 years, the core business of Softing Industrial Automation has been industrial data communication with products ranging from chips & stacks up to dedicated gateways and data transfer modules.



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