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Fiber Microscope

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Digital Fiber Microscope to inspect connector end faces

Over 90% of fiber optic cable performance issues are the result of dirty end faces.

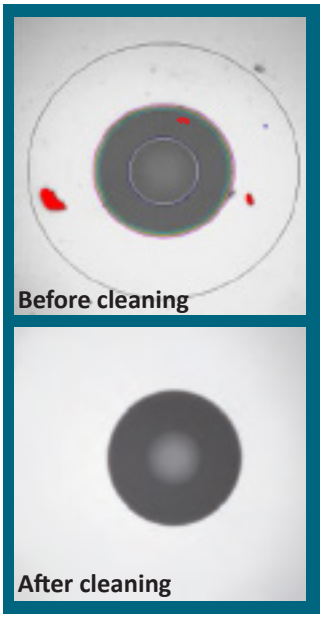
Before testing fiber optic links and every time fiber optic connectors are mated, connector end faces should be inspected and evaluated to avoid contamination that can cause degradation of network performance and destructive damage in the contact zone.

HIGHLIGHTS

- Inspect fiber optic end faces
- Pass/Fail compliant to IEC 61300-3-35
- Connect to Softing testers via USB
- Use with WireXpert, NetXpert XG2 Plus, FiberXpert OTDR 5000, and LinkXpert M3
- Ease of use and quick analysis
- Adapters for the most common fiber-optic connectors included
- LC, FC, ST, SC click cleaners included

Digital Fiber Microscope
with USB connector and tips

Includes:
x1 LC end face click cleaner
x1 SC, FC, ST end face click cleaner



Fiber Microscope

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https://itnetworks.softing.com/us

For more information please contact:

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	USB Port

Product	Part Number	Item Description
Digital Fiber Inspection Kit Plus	XC-INSP-KIT	Digital microscope with USB connection and tips for SC/FC/LC/ U1211/ U2511 connectors, plus x2 click cleaners
Adapter FC/PC tip	WX_FX_INSP_FCPC	FC/PC tip for Digital Fiber inspection kit
Adapter FC/APC	WX_FX_INSP_FCAPC	FC/APC tip for Digital Fiber inspection kit
Adapter LC/PC tip	WX_FX_INSP_LCPC	LC/PC tip for Digital Fiber inspection kit
Adapter LC/PC tip Long Reach	WX_FX_INSP_LCPC_L	LC/PC tip for Digital Fiber inspection kit - Long Reach
Adapter LC/APC tip Long Reach	WX_FX_INSP_LCAPC_L	LC/APC tip for Digital Fiber in spection kit - Long Reach
Adapter SC/PC tip	WX_FX_INSP_SCPC	SC/PC tip for Digital Fiber inspection kit
Adapter SC/APC tip	WX_FX_INSP_SCAPC	SC/APC tip for Digital Fiber inspection kit
Adapter ST tip	WX_FX_INSP_ST	ST tip for Digital Fiber inspection kit
Adapter 1.25mm Patchcd PC	WX_FX_INSP_125PC	1.25mm Patchcord PC
Adapter 1.25mm Patchcd APC	WX_FX_INSP_125APC	1.25mm Patchcord APC
Adapter 2.5mm Patchcd PC	WX_FX_INSP_25PC	2.5mm Patchcord PC
Adapter 2.5mm Patchcd APC	WX_FX_INSP_25APC	2.5mm Patchcord APC

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