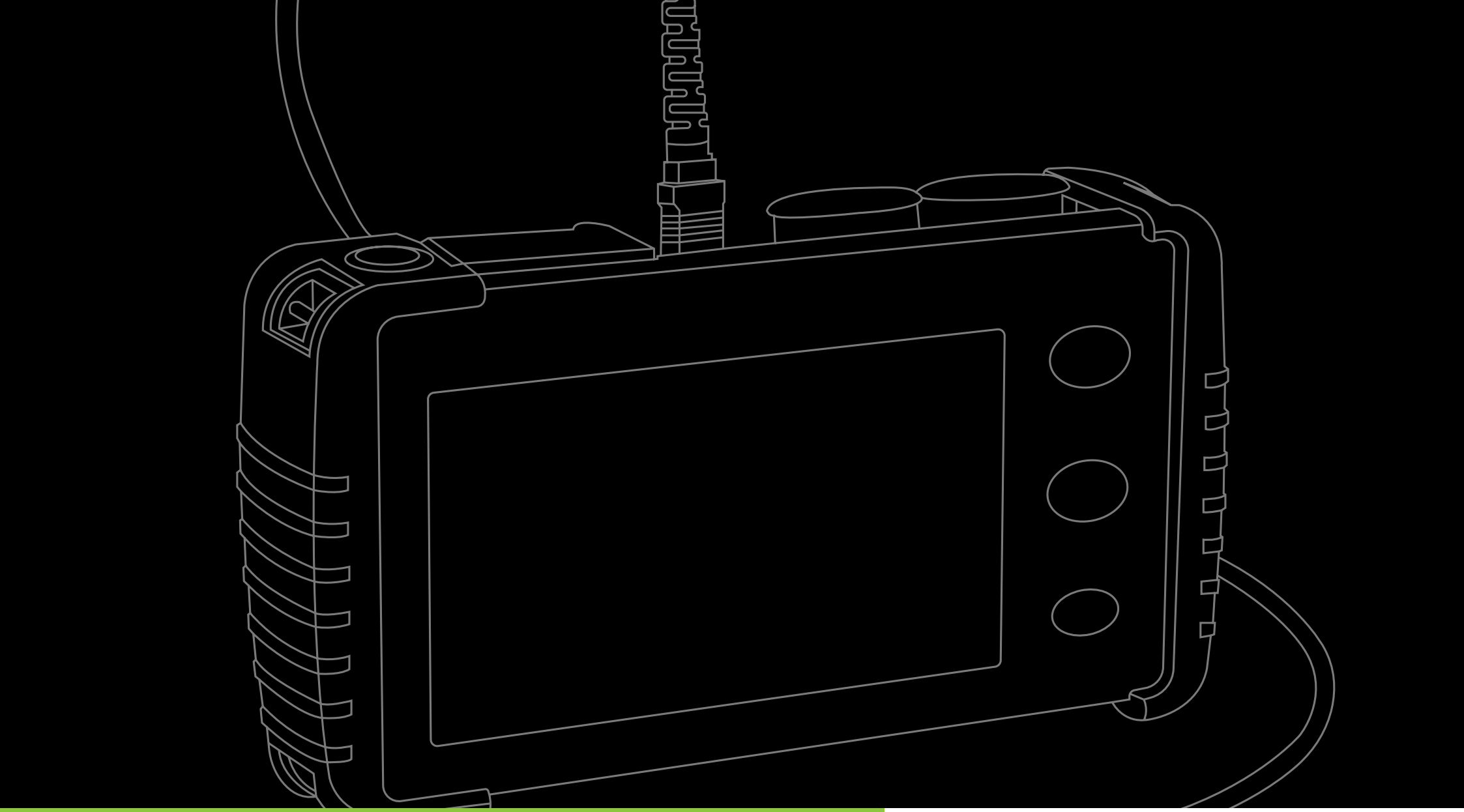


DATA CENTER CLEANING, INSPECTION & TEST EQUIPMENT

NBM technology SOLUTIONS

AFL HYPERSCALE®

FLEXSCAN
AFL
SMARTAUTO1_001
Link Summary
1
2
3
4
PON Link
Macrobend @ 1596.33 m Event 5
May be the cause of any current alarms.

About

AFL HYPERSCALE®

A global leader in fiber optic technology, AFL Hyperscale brings together over 70 years of design and manufacturing expertise to create next generation, end to end connectivity solutions for all data center, telecom and enterprise networks.

Using a consultative approach we bring responsiveness, innovation, and scalability to the forefront of our solutions with the aim of innovating network connectivity forever.

AFL Hyperscale. The World, Connected.

DATA CENTER CLEANING, INSPECTION & TEST EQUIPMENT

The AFL Hyperscale range of fiber optic cleaning, inspection and test equipment is ideal for installing and maintaining high-density network cabling in data centers.

The range has been carefully selected to help technicians overcome challenges associated with fiber identification, cleanliness, fault finding, network verification and certification. Including a series of cleaning tools, fiber scopes, visual fault identifiers, power meter & light source kits, certification testers and OTDRs, the range is designed to ensure best practice and best performance for data center networks.

www.aflhyperscale.com/category/fiber-tools-test-cleaning

AFL
FLEXSCAN
AFL FOCIS Duel
AFL FOCIS WiFi2
AFL FOCIS Flex
AFL Telecommunications
OLS4
Optical Laser Source
NOYES
One-Click Cleaner MULC
Fujikura
One-Click

DATA CENTER CLEANING, INSPECTION & TEST EQUIPMENT

Whether installing or maintaining fiber optic networks, we have a full range of tools, test equipment, and cleaning products to help you achieve the best possible performance.

EASE OF USE

Achieved through decades of experience designing for technicians

SPEED

A must for testing high-density cabling environments

ACCURACY

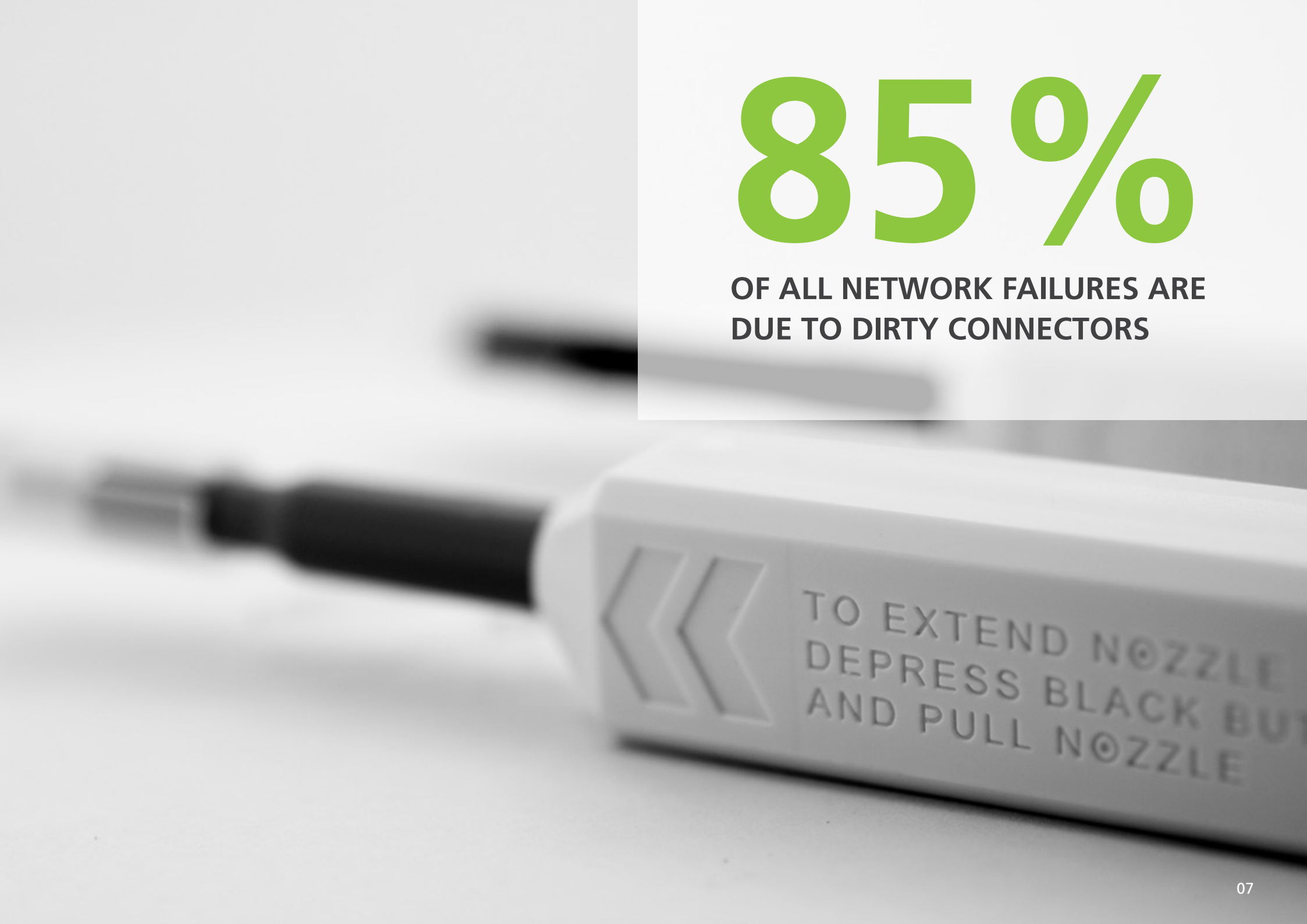
Reliable results each and every time

STANDARDS CERTIFICATION

Certify networks to the latest ISO, IEC or TIA cabling standards

REPORT GENERATION

Store, analyze and report on projects with professional industry accepted software



85%

OF ALL NETWORK FAILURES ARE DUE TO DIRTY CONNECTORS

CLEANING

As data centers strive to support an ever-increasingly connected world, it is more important than ever that best practices are followed when cleaning and inspecting fiber endfaces. AFL Hyperscale's industry-leading cleaning solutions ensure your data center operates at optimal performance levels with minimal service disruptions.

ONE-CLICK® CLEANER
MU/LC

- Cleans MU and LC connectors on jumpers and in adapters
- Each clean is performed with fresh cleaning tape
- Extendable for increased reach
- 500 cleans

ONE-CLICK CLEANER
D-LC

- Cleans both connectors of a duplex LC at one time
- 1000 cleans (500 duplex LC cleans)
- Each clean is performed with fresh cleaning tape

ONE-CLICK CLEANER
MPO

- Cleans MPO and MTP connectors on jumpers and in adapters
- Each clean is performed with fresh cleaning tape
- 500 cleans

ONE-CLICK CLEANER
SC/ST/FC

- Cleans SC, ST and FC connectors on jumpers and in adapters
- Each clean is performed with fresh cleaning tape
- Extendable for increased reach
- 500 cleans

CLETOP-SB
CASSETTE CLEANER

- Cleans SC, FC, ST, DIN, D4, MU, LC, MT, MPO/MTP® without pins, and MT-RJ without pins
- Replacement tape cartridge and ergonomic design
- Over 400 swipes each tape

MICRO STICKS
1.25MM

- Works with 1.25mm adapters: LC, MU
- Material: micro fiber, antistatic

FCC2
FIBER CONNECTOR CLEANER FLUID

- Not hazardous/not regulated for all modes of transport, including air cargo
- Dries without a residue, unlike alcohol
- Eliminates electrostatic charge

CLETOP
MPO

- Cleans MPO/MTP with pins
- Replacement tape cartridge
- Over 400 swipes each tape

FOAM BUDS
2.5MM

- Works with 2.5mm adapters: SC, FC, ST
- Fast absorbency

CLEANTISSUE
100 & 400

- Super fast absorbency
- Can be used dry or with fluid
- Available in packs of 100 or 400

FCP2 CLEANING KIT
SC/ST/FC/LC

- FCC2 cleaning fluid
- FiberWipes™
- Cletop-SB
- One-Click® Cleaner SC/ST/FC
- One-Click Cleaner MU/LC

FCP2 CLEANING KIT
SC/ST/FC/LC/MPO

- FCC2 cleaning fluid
- FiberWipes
- Cletop-SB
- One-Click Cleaner SC/ST/FC
- One-Click Cleaner MU/LC
- One-Click Cleaner MPO

INSPECTION

Carefully designed for those installing and maintaining high-density network cabling in data centers, our fiber scopes are engineered to provide accurate results every time. Ensure your network runs smoothly with our range of compact, lightweight and user-friendly inspection products.

FOCIS
FLEX

- Liquid lens camera technology
- Auto-focus, auto-centering, PASS/FAIL analysis and save
- A wide range of cross-compatible adapter tips
- Bluetooth pairing to smart device apps and integration into aeRos®

FOCIS
WIFI2™

- Liquid lens camera technology
- Auto focus, auto-centering, PASS/FAIL analysis and save
- A wide range of cross compatible adapter tips
- Multi-color LED on probe for fast pass/fail indication
- WiFi streaming to smart devices with in-app PDF report generation

FOCIS
DUEL™

- Liquid lens camera technology
- Auto-focus, auto-centering, PASS/FAIL analysis and save
- A wide range of cross-compatible adapter tips
- Bluetooth pairing to smart device apps and integration into aeRos
- Two optical ports for rapid connector inspection in and out of bulkhead adapters

FOCIS
LIGHTNING™

- MPO/MTP multi-fiber, multi-row connector inspection
- Stores connector-level and individual fiber images
- Auto-focus and auto-centering for fast, easy inspection
- IEC, IPC and user-defined pass/fail analysis
- Self-contained, tether-free, handheld inspection solution

TEST

From VFIs to OTDRs, AFL Hyperscale's test equipment range provides data center technicians with tools to assist with verification, fault-finding, and standards-based certification testing for in-depth analysis and report generation.

FLEXSCAN®
FS200 OTDR

- High-resolution dual wavelength single mode testing
- Easy-to-understand LinkMap® results with pass/fail
- FleXpress™ mode completes OTDR test in <5 seconds
- 12F MPO testing with optional Multi Fiber Switch
- Bluetooth, WiFi and USB enabled
- TRM® Reporting Software

MULTI-FIBER SWITCH

- Converts a single port tester into a multi-fiber MPO tester
- SC port for connection to test equipment
- 12F MPO port for connection to cable under test
- LCD screen to indicate fiber under test
- Single mode or multimode models

OTDR
FIBER RINGS

- Compact, rugged, lightweight
- 150, 500, and 1000m lengths standard
- Available with a variety of connector styles
- Compact - fits easily in OTDR cases or kits

SMLP5-5
SM/MM LOSS TEST KIT

- Measure insertion loss at 850/1300 & 1310/1550nm
- Tone generation and detection at 2 kHz
- Set reference storage
- Automatic wavelength detection (Wave ID)
- USB port for transfer of stored results
- TRM Reporting Software
- 5 year product warranty

MLP5-2
MM LOSS TEST KIT

- Measure insertion loss at 850/1300nm
- Set reference storage
- Automatic wavelength detection (Wave ID)
- USB port for transfer of stored results
- TRM® Reporting Software
- 5 year product warranty

SLP5-6D
SM LOSS TEST KIT

- Measure insertion loss at 1310/1550nm
- Tone generation and detection at 270 Hz, 330 Hz, 1,2 kHz
- Set reference storage
- Automatic wavelength detection (Wave ID)
- USB port for transfer of stored results
- TRM Reporting Software
- 5 year product warranty

OFI-400
OPTICAL FIBER IDENTIFIER

- Unique optical head with 2-position plunger for use with all fiber types
- Built-in power meter calibrated for 250um bare fiber
- Detects traffic, CW and 270, 330, 1000 and 2000 Hz tones
- Indicates direction of transmissions
- Low insertion loss
- 5 year product warranty

HILITE
VISUAL FAULT IDENTIFIER

- Identify bends, breaks, and poorly mated connectors
- 650nm visible red laser source
- High power, 1 mW into 9/125 single mode fiber
- 2.5mm universal adapter and 1.25mm models available
- 5 year product warranty

MINI FIBER OPTIC
VISUAL FAULT LOCATOR

- Identify bends, breaks, and poorly mated connectors
- 650nm visible red laser source
- High power (1mW)
- 2.5mm universal adapter included
- 1.25mm universal adapter available
- Low cost consumable

MT TRACER
(12-FIBER VFI AND DISPLAY)

- Test 8 and 12 fiber MTP® assemblies
- MPO Cable Verification (Type A, B, C)
- Test polarity, continuity, and fiber mismatch
- Locate ends of unmarked cables in data centers

ROGUE®
CB1 COMPACT BASE

- Open modular architecture
- Bluetooth connectivity to smart devices
- Intelligent module detection
- Seamless integration to aeRos® through downloadable test apps
- Bluetooth, Wifi, and USB enabled
- >8 hours Li-ion rechargeable battery and AC power

ROGUE
IB1 INTELLIGENT BASE

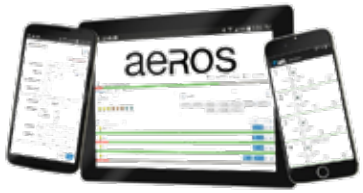
- Large 7” high-resolution color touchscreen
- Intelligent module detection
- Seamless integration to aeRos through downloadable test apps
- Bluetooth, Wifi, and USB enabled
- Built-in kickstand provides portrait or landscape viewing options
- >8 hours Li-ion rechargeable battery and AC power

ROGUE
OLTS-CERT MODULE

- Bi-directional testing on up to 2 fibers at once
- Measures insertion loss, return loss and length
- Tier 1 certification to ISO/IEC/TIA/IEEE test limits
- Dual wavelength identification (Wave ID)
- Built-in encircled flux compliance as per TIA-568-14-B and IEC 61280-1-4 Ed. 2.0
- Integrated power meter and visual fault identifier (650 mm)
- Dual engine multimode, single mode and quad models available

ROGUE
OTDR MODULE

- Intuitive LinkMap® display for easy results interpretation
- Pass/fail event and link status to user limits
- Ultra-short deadzones for high-resolution event mapping
- Automatic and manual test modes
- Up to 300,000 data points
- Single mode 13010/1550nm and quad 850/1300/1310/1550nm models



AEROS
TEST MANAGEMENT SOLUTION

- Cloud-based system
- Build projects with cable/fiber identification schemes and equipment setups
- Invite technicians and send projects directly to aeRos powered equipment
- Real-time results synchronization and progress tracking
- Centralized results management and report generation in PDF, XLSX, XLS, and CSV
- Unlimited data storage and user management with aeRos PRO

AFL HYPERSCALE®

CHECK OUT OUR OTHER SOLUTION GUIDES

www.aflhyperscale.com/resources

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