

Dimensions of Electric Cleaning Pen for Fiber Optic Endfaces in Backbone Networks



Overview

Dimensions of Electric Cleaning Pen for Fiber Optic Endfaces in. Available in 1.25mm (LC/MU) and 2.5mm (SC/ST/FC/E2000) versions, this pen is a must-have.

Key Takeaways

Fiber optic cleaning pens are compact, handheld tools designed for 1.25mm and 2.5mm ferrule connectors, typically measuring a few centimeters in diameter and 10–15 cm in length, providing over 800–1000 cleaning cycles per pen. Typical Physical Dimensions

- Length: Most one-click fiber optic cleaning pens range from 10 to 15 cm (4–6 inches), making them portable for field and lab use .
- Diameter: Designed to fit comfortably in hand, the diameter is usually 1–2 cm, with 2.5mm pens slightly larger to accommodate SC, ST, and FC connectors, and 1.25mm pens for LC and MU connectors .

- Weight: Lightweight and compact, often under 50 grams, allowing easy handling and minimal fatigue during repeated use.

Connector Compatibility

- 2.5mm ferrule pens: SC, ST, FC connectors (both UPC and APC) for backbone and high-speed networks .

- 1.25mm ferrule pens: LC and MU connectors, suitable for dense patch panels and transceiver modules .

Cleaning Capacity and Design

- Cleaning cycles: Typically 800–1000+ cleans per pen, depending on the model .
- Anti-static features: Pens often use anti-static materials to prevent dust reattachment .
- Operation: One-click or push-action mechanism extends a non-abrasive cleaning strand that sweeps the connector end-face, with an audible click confirming a complete cleaning cycle .
- Dust protection: Most pens include a dust cap and strap to prevent contamination and accidental drops .

- Observation window: Some models have a transparent shell to monitor remaining cleaning capacity .

Practical Considerations

- Field use: Compact size and one-click operation make these pens ideal for backbone network maintenance, patch panels, and transceiver modules.
- Durability: High-performance cleaning strands and anti-static materials ensure consistent cleaning without damaging delicate fiber endfaces.
- Portability: Small form factor allows technicians to carry multiple pens for different connector types in a toolkit or pocket. In summary, electric fiber optic cleaning pens are compact, lightweight, and ergonomically designed for efficient cleaning of 1.25mm and 2.5mm ferrule connectors, with dimensions optimized for field and lab use, supporting hundreds to over a thousand cleaning cycles while preventing static and contamination .

Article Content

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Available in 1.25mm (LC/MU) and 2.5mm (SC/ST/FC/E2000) versions, this pen is a must-have maintenance tool for engineers in

Fluke Networks Enhanced Fiber Optic Cleaning Kit w/One-click Cleaners

The complete solution for precision end-face fiber optic cable cleaning. Contains tools and supplies everything needed to eliminate

ELECTRO-WASH Fiber Optic Cleaning Pen

This precision cleaner quickly cleans the end faces of fiber optic connectors, while eliminating electrostatic charge, which can attract

2.5mm One-Click Fiber Optic Cleaner Pen | SC, ST, FC

Effortlessly clean SC, ST, and FC fiber optic connector end-faces (2.5mm ferrules) with this easy-to-use One-Click

Fluke Networks NFC-SOLVENTPEN Fiber Optic Cleaning Pen

Use it with wipes or swabs to ensure all fiber end-faces are clean before every mating. This combination eliminates contamination

FIBER CONTAMINATION, CLEANING AND INSPECTION

Despite industry best practice of inspecting and cleaning fiber optic endfaces, contaminated connections remain the number one

Amazon : Mpo Fiber Cleaner

MPO/MTP Fiber Cleaner Pen, 600 Cleans, 2pc Green | Fiber Optic cleaning pen for MPO/MTP connectors. Up to 600 end-face

Fiber Optic Connector Cleaner Pen for End Face Cleaning of LC

Clean Ends and Ports: Our fiber optic pen cleaner can be used as a tip cleaner and a fiber optic connector cleaner, so

Offsoon Pro Fiber Endface Cleaning Machine-DIMENSION

Offsoon Pro-L is the automated single and multi-fiber endfaces cleaning machine newly launched by Dimension. On the basis of

Cleaning of Fiber Ends

Automated fiber cleaning systems are used in manufacturing and high-volume fiber-optic assembly to ensure consistent,

Inspection and Cleaning Procedures for Fiber-Optic Connections

Introduction This document describes inspection and cleaning processes for fiber optic connections. It is important

Fiber Optic Cleaner 1.25mm and 2.5mm Fiber Optic Cleaning Pen 800 ...

Features: Dirtiness in relevant components or uneven cutting of fiber optic end face do impact, Most times with the proper cleaning

Quick Clean™ Cleaner Solution

These cleaners are great complements to the existing Fluke Networks fiber optic solvent pen, cleaning cube and cleaning kits for all

Fluke Networks Fiber Cleaning Solvent Pen – Cable & Connections

The Fluke Networks Fiber Cleaning Solvent Pen is a professional-grade fiber optic cleaning tool designed to safely remove dust, oil,

What is the best Practices for Cleaning Optical Fiber

Did you know that for cleaning fiber end-faces inside ports or equipment, Fluke Networks'' offers lint-free mechanical

Fiber Optic Cleaning Pen, LC/MU 1.25mm Ferrule Connectors

This 1.25mm One-Push Fiber Optic Cleaning Pen is great for quickly removing dirt, dust, oil and grease from optical fiber adapters. It

Fiber Optic Cleaning

Use a transportable fiber construction kit to keep connector cleaning tools organized for installation, maintenance and field repairs on

Fiber Optic Tool MPO Fiber Optic end face Cleaning Pen A-M600,

About this item □widely applicable□fiber optic cleaning pen is suitable for MPO/MTP type adapter fiber end faces, fiber optic

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