



# SEIKOH GIKEN

~Global Solutions in Optical Precision~

## FerruleMate™ Optical Interconnect Maintenance Solutions

The FerruleMate™ by Seikoh Giken company is the latest concept in optical endface cleaning.

This economical, one-step solution allows efficient cleaning of ceramic ferrules - either through bulkhead adaptors or directly on cable assemblies - both in the outside plant or at the factory floor.

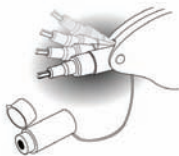
Restore your fiber optic connectors' performance - whether inside a distribution enclosure or at an outside pedestal - using the FerruleMate™ cleaning tool.



### Multiple Functions

Protecting dust cap

Cap removes for inserting cleaner into adapters



Flip-open cap for inserting connectors for cleaning

Adjustable tip up to 45° for angled adapter cleaning

### Key Features

- Proprietary tip sweeps and rotates 180° for widest cleaning area in the market
- Jam-Free mechanism delivers fresh, pre-washed, lint-free, micro-fiber cloth
- Unique design provide controlled cleaning pressure for all ferrule sizes
- Handheld, portable, light-weight cleaner (no power source)
- Simple to use, operator controlled, push button cleaning action
- Highly effective for both Dry and Wet/Dry cleaning applications
- Designed for FC, SC, ST, LC, MU – Custom tips for Mil/Aero/Video
- More than 350x cleanings per unit – Less than 5 cents per use
- Approved by all TELCO Operators – Call for PID/SSI ordering info
- Anti-Static materials safe for ESD sensitive environments

### Specification/ Ordering Information

Part Number	SFM-250	SFM-125
Ferrule Type	2.5mm	1.25mm
Dimension (body)	L163 X W20 X H44 mm	
Dimension (tip)	L = 63mm	L = 110mm
Weight	60g	
Applicable Connector/ Adapter	SC, FC, ST PC & Angle PC	MU, LC PC & Angle PC



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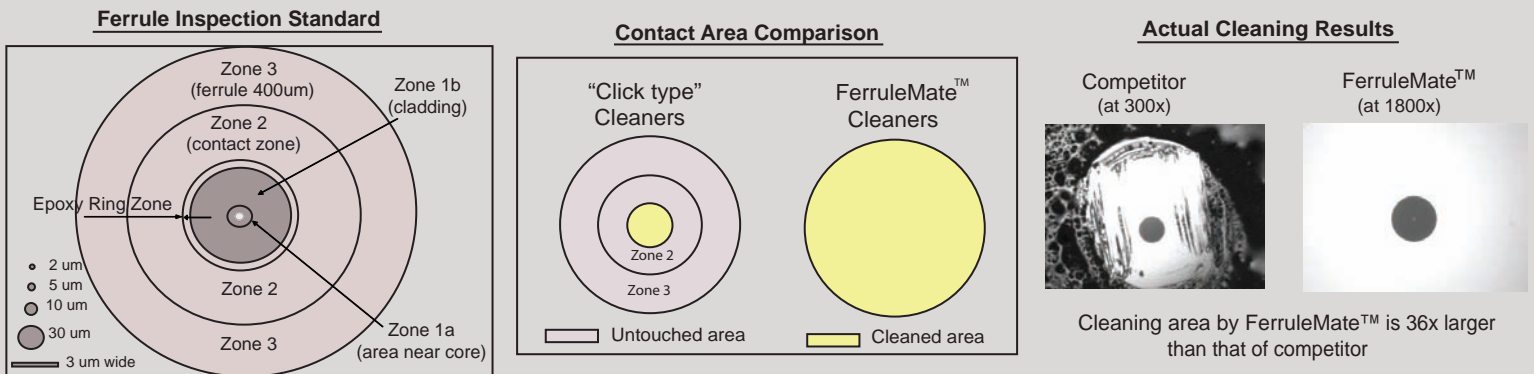
## ■ Cleaning Criteria/ Results

The FerruleMate™ optical interconnect cleaner meets or exceeds all current and emerging standards\* for fiber cleanliness in high power laser applications.

\*Telcordia GR-2923-CORE, iNEMI, IEC 61300-3-35, Cisco EDCS 7027180, IPC-Association IPC-0040

An Ideal Connector will not have any contamination or scratches in the core, cladding or ferrule contact area surrounding the cladding.

- Zone 1- Contamination is strictly prohibited from Fiber Core Area defined as 0um to 120um.
- Zone 2- Contamination larger than 3um prohibited from Contact Area defined as 120um to 250um.
- Zone 3- Contamination larger than 30um prohibited from Ferrule Area defined as 250um to 400um.



Seikoh Giken offers a variety of TipKit<sup>SM</sup> adapters that allow the FerruleMate™ to clean many types of Mil / Aero / Video termini. Please contact the sales department for customized solutions.

■ **Tips** Standard and Customized TipKits<sup>SM</sup> available (Telco or Mil/Aero/Video)

Part Number	M18-00772	M18-00773	M18-00775	M18-00777	M18-00774
Connector Type	LEMO 2mm Video	MIL-Aero ARINC	Diamond E-2000	MIL-Aero Circular	Corning OptiTap
FerruleMate™ Type	SFM-250	SFM-125	SFM-250	SFM-125	SFM-250
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