

DIAMOND

Fiber Optic Equipments

INSPECTION EQUIPMENT

GENERAL DESCRIPTION

Proper performance of a fiber optic connection is strongly dependant on the cleanliness of the mated ferrules.
DIAMOND connectors are throughly inspected and cleaned prior to shipment and do not require cleaning before being placed into service. After repeated matings, however, or when degraded performance is observed, it may become necessary to clean the individual ferrules and mating sleeve. DIAMOND's cleaning set contains all necessary tools for proper cleaning and inspection procedures to help ensure optimal connector performance.

Dimensions: ca. 540 x 420 x 210 mm
(21.3 x 16.5 x 8.3 inches)
Weight: ca. 4.550 Kg (9.8 lbs)



CLEANING KIT CONTENTS

- 1 Inspection microscope with universal adapter ø 2.5 mm
- 2 CLETOP easy clean cassette
- 3 Lint-free disposable wipes
- 4 Artisist brush
- 5 Nylon brush for cleaning mating sleeve
- 6 Cleaning solvent dispenser 1.18 dl for alcohol
- 7-12 Cavities for microscope adapters
- 13 Housing E-2000™, Service Adapter E-2000™, Service Adapter F-3000™
- 14 Spare bulb for microscope

OPTIONS

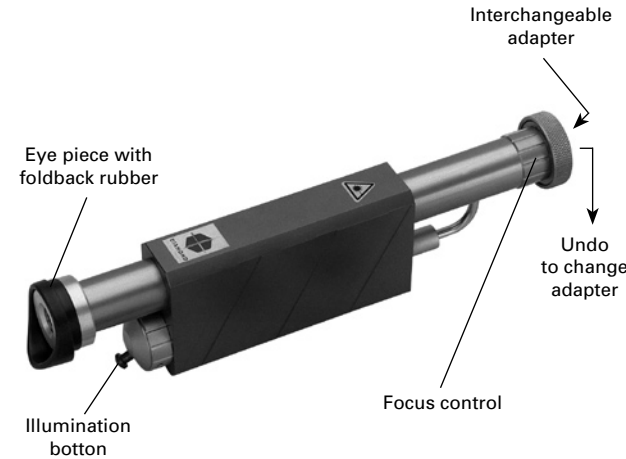
- 15 Visual Fault Locator (VFL)



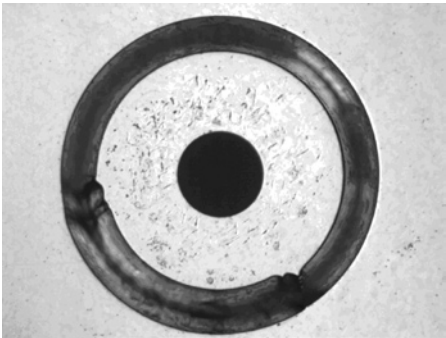
Cleaning Kit



The inspection microscope is convenient for inspecting ferrule and fiber endfaces. It features interchangeable holders to accomodate fer- rules of different diameters and connectors of different style. To remove the holders from the microscope first undo the outer nut. When exchange the holder, position the key to meet the orientation pin. Mount the nut and tighten it.

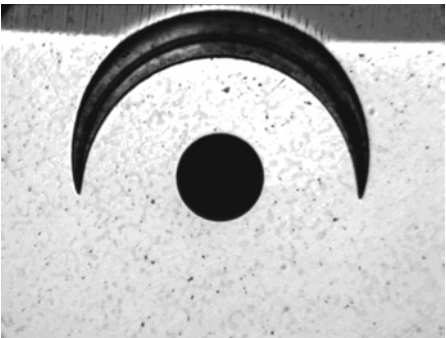


VISUAL INSPECTION SAMPLE OF DIAMOND 0° PC FERRULE



OPTICAL PERFORMANCE GUARANTEED

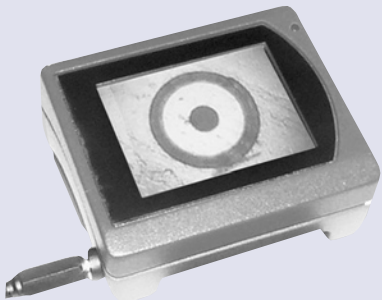
VISUAL INSPECTION SAMPLE OF DIAMOND 8° APC FERRULE



OPTICAL PERFORMANCE GUARANTEED

- ATTENTION
- This hand microscope shall be used only with Laser turned off.
- WARNIG
- Laser light may damage your eyes.
- ADVISE
- When Laser can not be turned off use Video Inspection Microscope (see picture).

For more information see specific data sheet.



UNIVERSAL ADAPTERS

Ferrule diameter: ø 3,175 mm
 ø 3,5 mm
 ø 1,25 mm

CONNECTOR SPECIFIC ADAPTERS

Connector types: E-2000™ APC
 E-2000™ PC
 FC/APC
 FC/PC
 DIN/APC
 DIN/PC
 SC/APC
 SC/PC
 ST™
 F-3000™ APC
 F-3000™ PC



ORDER INFORMATION

To order complete kit, single parts and options , please refer to the part numbers provided in the enclosed P/N list. (Universal adapters as well as connector specific adapters have to be ordered separately).

For more information about Diamond ferrule end face quality, please consult the“Acceptance criteria for Dia- mond ferrule” available on our website under the section Information/Library/Support.