## **Optomechanics**

#### CHAPTERS V

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### Lab Supplies

#### SECTIONS V

**Optics Supplies** 

#### Fiber Supplies

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19" Rack Hardware

Storage

# **Dust Caps**

Dirt on the fiber tip can result in permanent damage to the fiber connector, which can increase coupling losses or create undesirable mode structures in the output light. To prevent damaging the connectorized fiber, clean it before each use and use a fiber connector cap to protect the end face of the connectorized fiber when it is not in use. The CAPF is for use with fiber connector ferrules 2.5 mm in diameter while the CAPN is for use with SMA type connectors.





## **Dust Removal**

The CA3 is a pressurized 10 oz can of Tetrafluoroethane with built-in plastic nozzle, which is ideal for removing dust from optics and fiber.

ITEM #	\$	£	€	RMB	DESCRIPTION
CA3	\$ 10.10	£ 7.27	€ 8,79	¥ 80.50	Canned Air with Plastic Nozzle

# Requires Ground Shipment

## Fiber Inspection Scope

- Optical Magnification of 200X
- White LED Illumination
- LED Lifetime: 100,000 Hours
- 190 mm (7.48") Long x Ø45 mm (1.77")
- Coaxial or Oblique Illumination Modes
- Fine Focus Control Wheel
- Built-In IR Filter
- Two AAA Batteries are Included



The FS200 Fiber Inspection Scope, which comes with a universal adapter for FC-, ST-, SC-, and APC-terminated fibers, produces a high-quality, low-distortion image of both the connector end and the fiber. An adapter for SMA-terminated fibers is also included. With a high-intensity LED illumination system and 200X magnification, this microscope is powerful enough to offer a clear image of the fiber core as well as the surrounding cladding. In addition, there is the option to use an oblique illumination setting, which provides illumination at an off-center angle to the fiber endface. For critical examination of polish quality, we strongly recommend this fiber inspection scope.

ITEM #	\$	£	€	RMB	DESCRIPTION
FS200	\$ 202.00	£ 145.44	€ 175,74	¥ 1,609.94	Fiber Microscope

# Fiber Storage Reel

- Holds up to 5 m of Fiber Optic Cable with a Ø900 μm Jacket
- Great Organizational Tool for the Lab
- 1/4" Counterbore and Screw for Mounting or Stacking on a 1/4"-20 (M6) Breadboard

The FSR1 is a storage reel for fibers with  $\varnothing900~\mu m$  jackets. It allows quick and easy organization to any fiber-sourced optical setup. The FSR1 includes a 1/4"-20 and M6 screw and washer so that it can be mounted or stacked on a standard breadboard.



ITEM #	\$	£	€	RMB	DESCRIPTION
FSR1	\$ 10.00	£ 7.20	€ 8,70	¥ 79.70	Fiber Optic Storage Reel