

OFS300 Optical Microscope



Features

- Laser safety filter installed
- 200x image size
- 2.5 mm Universal adapter included
- Long battery life with 2 x AA alkaline
- Rugged, hand-held, easy-to-use

Applications

- Verify connectors are clean prior to connecting to network
- Inspect end-faces for scratches or pits
- Eliminate the most common network fault (bad connectors)

Designed for field use, the OFS300 scope delivers a high-quality end-face image at 200x magnification. It quickly identifies scratches, dirt, or other problems normally associated with poor network performance.

A large percentage of network failures are caused by dirty or damaged end-faces on fiber optic connectors. Inspecting jumper end-faces prior to connection is critical to network performance. The OFS300 scope provides a quality optical inspection tool at an affordable price.

Safe: A built-in laser safety filter provides >40 dB IR protection to reduce risk of injury to the eye if accidentally viewing an active fiber.

Universal adapter: The OFS300 features a Universal adapter cap mount that accepts a variety of thread-on style adapter caps (ordered separately) to easily inspect many connector styles.

Ease-of-use: A momentary power switch located on the top panel keeps one hand free for focusing. For stationary work, the tripod mount allows the OFS300 to attach to any standard tripod.

Long-life: The OFS300 offers 60 hours of continuous battery life from standard 2 x AA batteries and features an LED indicator, which will flash when batteries require replacement.

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Specifications ^a

OPTICAL SPECIFICATIONS	
Nominal Magnification	200X
Adapter Mount	Universal, thread-on
Safety Filter	Schott KG3, >40 dB IR
GENERAL SPECIFICATIONS	
Operating Temperature	0 °C to +50 °C
Storage Temperature	-20 °C to +50 °C
Power	2 x AA batteries
Battery Life	>60 hours
Weight in Use	0.67 kg (1.5 lb)
Size (H x W x D)	13 x 5 x 20 cm (5 x 2 x 8 in)

Note:

a. All specifications valid at 25 °C unless otherwise specified.

Ordering Information

DESCRIPTION	AFL NO.
OFS300 Inspection Kit. Includes OFS300 Inspection Scope, 2 x AA batteries, neck strap, 2.5 mm Universal adapter cap, users guide.	OFS300
OFS300 angled SC adapter tip	8800-00-0220
OFS300 angled FC adapter tip	8800-00-0218
OFS300 angled E2000 adapter tip	8800-00-0229
OFS300 angled MTP/MPO adapter tip	8800-00-0234
OFS300 UPC MTP/MPO adapter tip	8800-00-0233
OFS300 1.25 mm Universal male adapter tip	8800-00-0236
OFS300 2.5 mm Universal male adapter tip	8800-00-0219
OFS300 SMC 0° adapter tip	8800-00-0235
OFS300 1.6 mm (pin) adapter tip	8800-00-0244
OFS300 2.0 mm (pin) adapter tip	8800-00-0248
OFS300 EC (radial) adapter tip	8800-00-0277

Qualifications

CATEGORY	REGULATION/STANDARD	QUALIFICATION
CE Marking	EU	Compliant to relevant EU Directives on health, safety, and environmental protection, and certified with CE marking
Safety /EMC /EMI	IEC	Compliant to IEC 61010-1 for safety requirements for electrical equipment
	EN	Compliant to EN 61010-1 for safety requirements for electrical equipment
	IEC	Compliant to IEC 61326-1 for EMC requirements for electrical equipment
	EN	Compliant to EN 61326-1 for EMC requirements for electrical equipment
	EN	Compliant to EN 55011 for EMC requirements for industrial, scientific and medical equipment
	FCC	Compliant to code of federal regulations FCC 47 CFR 15 on unlicensed transmissions
RoHS	EU	Compliant to EU regulations Directive 2011/65/EU (RoHS 2) and Directive 2015/863 (RoHS 3)

Contact Sales@AFLglobal.com to schedule a demonstration or learn how to buy.

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