



# Test Port Adapters Reference Guide



## TEST AND INSPECTION

OTDRs | Certification Test Kits | Fiberscopes | Loss Test Sets

# TEST AND INSPECTION

## OFL280 and OFL250 Series Hand-held OTDRs

### Connector Adapters for the OTDR, OPM, and VFL Test Ports

Test ports on OFL280 and OFL250 series OTDRs are equipped with tool-free switchable adapters, which can be changed in seconds. The fast change switchable adapters allow OTDRs to interface launch cables with a variety of connector styles.

IMAGE	MODEL	TYPE	PORT
	2900-50-0002MR	FC	OTDR
	2900-50-0003MR	SC	OTDR
	2900-50-0004MR	ST	OTDR
	2900-50-0006MR	LC	OTDR
	2900-52-0001MR	FC	OPM
	2900-52-0002MR	SC	OPM

IMAGE	MODEL	TYPE	PORT
	2900-52-0003MR	ST	OPM
	2900-52-0004MR	LC	OPM
	2900-52-0005MR	2.5 mm Universal	OPM
	2900-52-0006MR	1.25 mm Universal	OPM
	2900-53-0001MR	2.5 mm Universal	VFL
	2900-53-0002MR	1.25 mm Universal	VFL

## M200 Series Hand-held OTDRs

### Connector Adapters for the OTDR and VFL Test Ports

Test ports on M200 series OTDRs are equipped with tool-free switchable adapters, which can be changed in seconds. The fast change switchable adapters allow OTDRs to interface launch cables with a variety of connector styles.

IMAGE	MODEL	TYPE	PORT
	2900-50-0002MR	FC	OTDR
	2900-50-0003MR	SC	OTDR
	2900-50-0004MR	ST	OTDR
	2900-50-0006MR	LC	OTDR

IMAGE	MODEL	TYPE	PORT
	2900-50-0007MR	2.5 mm Universal	VFL
	2900-50-0010MR	1.25 mm Universal	VFL

# TEST AND INSPECTION

## M700, M650, and C850 Series Compact OTDRs

### Connector Adapters for the OTDR, OPM, and VFL Test Ports

Test ports on NOYES OTDRs are equipped with tool-free switchable adapters, which can be changed in seconds. The fast change switchable adapters allow OTDRs to interface launch cables with a variety of connector styles.

IMAGE	MODEL	TYPE	PORT
	2900-50-0002MR	FC	OTDR
	2900-50-0003MR	SC	OTDR
	2900-50-0004MR	ST	OTDR
	2900-50-0006MR	LC	OTDR
	8800-00-0200	FC	OPM
	8800-00-0209	SC	OPM

IMAGE	MODEL	TYPE	PORT
	8800-00-0202	ST®	OPM
	8800-00-0225	LC	OPM
	8800-00-0214	2.5 mm Universal	OPM
	8800-00-0224	1.25 mm Universal	OPM
	2900-53-0001MR	2.5 mm Universal	VFL
	2900-53-0002MR	1.25 mm Universal	VFL

## C840 Series QUAD Certification Testers

### Connector Adapters for the OLS, OPM, and VFL Test Ports

Test ports on NOYES C840 Certification Testers are equipped with tool-free switchable adapters, which can be changed in seconds. The fast change switchable adapters allow Certification Testers to interface launch cables with a variety of connector styles.

IMAGE	MODEL	TYPE	PORT
	2900-50-0002MR	FC	OLS
	2900-50-0003MR	SC	OLS
	2900-50-0004MR	ST	OLS
	2900-50-0006MR	LC	OLS
	2900-52-0001MR	FC	OPM
	2900-52-0002MR	SC	OPM

IMAGE	MODEL	TYPE	PORT
	2900-52-0003MR	ST	OPM
	2900-52-0004MR	LC	OPM
	2900-52-0005MR	2.5 mm Universal	OPM
	2900-52-0006MR	1.25 mm Universal	OPM
	2900-50-0007MR	2.5 mm Universal	VFL
	2900-50-0010MR	1.25 mm Universal	VFL



## Optical Light Sources and Optical Power Meters Series

### OLS Series Test Port Adapters

Test ports on the NOYES light sources are equipped with tool-free switchable adapters, which can be changed in seconds. The fast change switchable adapters allow light sources to interface launch cables with a variety of connector styles.

Light sources manufactured in 2007 or newer use the threaded connector adaptors pictured below. For older units, please contact NOYES to select the proper adaptor for your unit.

IMAGE	MODEL	TYPE	PORT
	2900-50-0002MR	FC	OTDR
	2900-50-0003MR	SC	OTDR
	2900-50-0004MR	ST	OTDR
	2900-50-0006MR	LC	OTDR

### FTTx Wavelength Selective Adapter Cap for OPM Series Optical Power Meters


The NOYES FTTx Wavelength Selective Adapter Cap allows any NOYES Optical Power Meter (OPM), including all OPM1, OPM4, and OPM5 models, to measure downstream signal power on FTTx networks carrying both 1490 nm and 1550 nm signals. To operate, the user simply sets the adapter cap and power meter to the same wavelength, either 1490 or 1550 nm. A third 'unfiltered' adapter cap position is provided to measure optical power at 1310 nm or any other wavelength supported by the power meter. The new adapter cap is compatible with SC or angled SC connectors.

#### Features

- Compatible with SC or Angled SC connectors
- Fits standard NOYES OPM ports
- Uses thin-film, band-pass filters at 1490 and 1550 nm
- Provides unfiltered position to measure other wavelengths

#### Applications

- Verify 1490 and 1550 nm power levels before connecting the ONT
- Troubleshooting FTTx problems at the ONT (premise) or FDH (hub)

IMAGE	MODEL	DESCRIPTION
	8800-00-0270PR	SC, FTTX 3-WAVE, A selectable Pass Filter - All Pass - 1490 nm - 1550 nm

## Optical Power Meter Test Ports

### Adapter Caps for OPM Ports on the OPM, T400, T500, and ORL3 Series Test Sets

The NOYES standard thread-on adapter caps are used to mate non-angled single-fiber and dual-fiber connectors to optical power meter ports on the OPM, T400, T500B, and ORL 3B series test sets.

IMAGE	MODEL	DESCRIPTION
	8800-00-0214	2.5 mm Universal Accepts FC, SC, ST ferrules
	8800-00-0224	1.25 mm Universal Accepts LC and MU ferrules
	8800-00-0200	FC
	8800-00-0209	SC
	8800-00-0202	ST®

IMAGE	MODEL	DESCRIPTION
	8800-00-0225	LC Simplex/Duplex
	8800-00-0221	E-2000
	8800-00-0226	MU Simplex
	8800-00-0219	2.5 mm open Universal Accepts OptiTap connector for measuring optical power
	8800-00-0230	MT-RJ (A side only) When used for loss testing "A side only" adapter verifies system polarity

# TEST AND INSPECTION

## Optical Power Meters Series

### Adapter Caps for OPM Ports on the OPM, T400, T500, and ORL3 Series Test Sets

IMAGE	MODEL	DESCRIPTION
	8800-00-0231	MT-RJ (A side or B side)
	8800-00-0203	SMA
	8800-00-0201	D4
	8800-00-0204	Biconic
	8800-00-0210	ESCON®

IMAGE	MODEL	DESCRIPTION
	8800-00-0205	FDDI
	8800-00-0211	DIN 47256
	8800-00-0212	PFO/VFO (Radial)
<b>ADAPTERS FOR PLASTIC OPTICAL FIBER (POF)</b>		
	8800-00-0223	1000 μm bare fiber (plastic)
	8800-00-0271PR	HP-HFBR-45XX POF Universal

Notes:

1. ESCON is a registered trademark of IBM.
2. MPX is a registered trademark of Tyco Electronics.
3. MTP is a registered trademark of US Conec.
4. ST is a registered trademark of Lucent Technologies.



## Inspection Scopes

### Adapter Caps for the OFS 300-200C and VS 300 Series Inspection Scopes

NOYES thread-on angled and multifiber adapter caps are used to mate angled single-fiber as well as angled or non-angled multifiber connectors to inspection ports on our OFS 300-200C and VS 300 microscopes.

IMAGE	MODEL	DESCRIPTION
	8800-00-0214	2.5 mm Universal Accepts FC, SC, ST ferrules
	8800-00-0224	1.25 mm Universal Accepts LC and MU ferrules
	8800-00-0200	FC
	8800-00-0209	SC
	8800-00-0202	ST®

IMAGE	MODEL	DESCRIPTION
	8800-00-0225	LC Simplex/Duplex
	8800-00-0221	E-2000
	8800-00-0226	MU Simplex
	8800-00-0219	2.5 mm open Universal
		Note: For Inspecting backplane and duplex connectors with 2.5 mm ferrules such as FC, SC, and ST. Not recommended for Measuring Optical Power (except OptiTap).
	8800-00-0230	MT-RJ (A side only) When used for loss testing "A side only" adapter verifies system polarity

# TEST AND INSPECTION

## Inspection Scopes

### Adapter Caps for the OFS 300-200C and VS 300 Series Inspection Scopes

IMAGE	MODEL	DESCRIPTION
	8800-00-0231	MT-RJ (A side or B side)
	8800-00-0203	SMA
	8800-00-0201	D4
	8800-00-0204	Biconic
	8800-00-0210	ESCON®

IMAGE	MODEL	DESCRIPTION
	8800-00-0205	FDDI
	8800-00-0211	DIN 47256
	8800-00-0212	PFO/ VFO (Radiall)
	8800-00-0223	1000 μm bare fiber (plastic)
	8800-00-0271PR	HP-HFBR-45XX POF Universal

# Inspection Scopes

## Adapter Caps for the OFS 300-200C and VS 300 Series Inspection Scopes

IMAGE	MODEL	DESCRIPTION
	8800-00-0220	Angled SC
	8800-00-0218	Angled FC
	8800-00-0229	Angled E-2000
	8800-00-0237	MPX <sup>®</sup>
	8800-00-0234	MTP <sup>®</sup> / MPO Angled ferrule (8°) typically single-mode
	8800-00-0233	MTP <sup>®</sup> / MPO Flat ferrule (0°) typically multi-mode

IMAGE	MODEL	DESCRIPTION
	8800-00-0242	MT Ferrule Angled ferrule (8°)
	8800-00-0241	MT Ferrule Flat ferrule (0°)
	8800-00-0236	1.25 mm open Universal <sup>1</sup>
		Note: For Inspecting backplane and duplex connectors with 1.25 mm ferrules such as LC and MU. Not recommended for Measuring Optical Power.
	8800-00-0219	2.5 mm open Universal
	8800-00-0235	SMC 0°

- Notes:
1. ESCON is a registered trademark of IBM.
  2. MPX is a registered trademark of Tyco Electronics.
  3. MTP is a registered trademark of US Conec.
  4. ST is a registered trademark of Lucent Technologies.

# TEST AND INSPECTION

## Inspection Scopes

### Adapter Caps for the OFS 300-200C and VS 300 Series Inspection Scopes

IMAGE	MODEL	DESCRIPTION
	8800-00-0215	FDDI Kit
	8800-00-0244	1.6 mm Ferrule (pin)

IMAGE	MODEL	DESCRIPTION
	8800-00-0248	2.0 mm Ferrule (pin)
	8800-00-0227	EC (Radial)

### Adapter Caps for the OFS 300-400 Series Microscopes

NOYES snap-on adapter caps are used only with the OFS-300-400C microscope.

IMAGE	MODEL	DESCRIPTION
	8800-02-0252	1.25 mm Universal Accepts LC and MU ferrules
	8800-02-0019	2.5 mm Universal Accepts FC, SC, and ST ferrules
	8800-02-0007	FC

IMAGE	MODEL	DESCRIPTION
	8800-02-0030	Angled FC
	8800-02-0009	SC
	8800-02-0031	Angled SC

## Inspection Scopes

### Adapter Caps for the OFS 300-400 Series Microscopes

NOYES snap-on adapter caps are used only with the OFS-300-400C microscope.





IMAGE	MODEL	DESCRIPTION
	8800-02-0014	ST®  * ST is a registered trademark of Lucent Technologies
	8800-02-0012	SMA

IMAGE	MODEL	DESCRIPTION
	8800-02-0032	EC series (Radial)
	8800-02-0057	2.0 mm Ferrule (pin)

### Adapter Tips for the VFS2 Series Video Fiberscope

The VFS2 Inspection Probe requires an adapter tip that matches the connector type being inspected. The VFS2 precision adapter tips ease getting fiber images in the viewing area and ensure the optics will view into the alignment sleeve.

IMAGE	MODEL	TYPE
	VFS2-02-0100	FC
	VFS2-02-0101	SC

IMAGE	MODEL	TYPE
	VFS2-02-0102	ST®  * ST is a registered trademark of Lucent Technologies
	VFS2-02-0103	2.5 mm Universal (for patch cords) Accepts FC, SC, and ST ferrules



# TEST AND INSPECTION

## Inspection Scopes

### Adapter Tips for the VFS2 Series Video Fiberscope

IMAGE	MODEL	TYPE
	VFS2-02-0104	1.25 mm Universal for patch cords) Accepts LC and MU ferrules
	VFS2-02-0105	2.0 mm Universal for male Mil C 28876
	VFS2-02-0106	2.0 mm socket for female Mil C 28876
	VFS2-02-0108	1.6 mm Universal for male Mil C 38999

IMAGE	MODEL	TYPE
	VFS2-02-0109	1.6 mm socket for female Mil C 38999
	VFS2-02-0110	AFC
	VFS2-02-0111	ASC
	VFS2-02-0112	LC

# Inspection Scopes

## Adapter Sips for the VFS2 Series Video Fiberscope

IMAGE	MODEL	TYPE
	VFS2-02-0113	SC2
	VFS2-02-0114	D4
	VFS2-02-0115	E-2000
	VFS2-02-0117	MU

IMAGE	MODEL	TYPE
	VFS2-02-0118	Biconic
	VFS2-02-0127	ELIO
	VFS2-00-0108	Converter to allow VFS2 to accept OFS300/VS300 adapter caps

## Attenuators

### Adapter Caps for the VOA6-SM Variable Optical Attenuator

IMAGE	MODEL	DESCRIPTION
	2900-FT-LS-FC	FC connector
	2900-FT-LS-SC	SC connector
	2900-FT-LS-ST	ST connector

**NOYES**<sup>®</sup>



United States  
Customer Service  
1.800.321.5298  
1.603.528.7780  
www.AFLglobal.com

Europe, Middle East, Africa  
Max Penfold  
Max.Penfold@AFLglobal.com  
+44 1799 542 840  
+44 7802 839 160

Middle East  
Ahmed El Sakaty  
Ahmed.ElSakaty@AFLglobal.com  
+20 106 451 523

Africa (Sub Sahara)  
Nicholas Cole  
Nicholas.Cole@AFLglobal.com  
+44 7702 005 590

China  
Dai Liu  
Dai.Liu@AFLglobal.com  
+86 133 1101 4533

Asia-Pacific (non-China)  
Saw Biing Huei  
Biing.Saw@AFLglobal.com  
+65 9791 3398