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1. PRICES: All prices set forth are suggested selling prices, FOB Belmont, NH, USA. All prices and specifications are subject to change without notice. Contact our Sales Department to confirm price and delivery.

2. ORDER ENTRY: Minimum order \$100.00. All calibration and repair orders will be accepted by phone subject to confirmation by purchase order. When shipping equipment for repair, please include a complete description of the fault condition and a contact if additional information is required. EDI capable, call for more information. Address all orders and correspondence to:

Noyes, AFL Telecommunications

16 Eastgate Park Road Phone: 800-321-5298 (USA) or 603-528-7780
Belmont, NH 03220 Fax: 603-528-2025

3. TERMS OF PAYMENT: Terms of payment shall be net within thirty (30) days from date of invoice with approved credit.

4. SHIPMENTS: When a carrier is not specified, shipment will be made by the best surface-carrier available. RUSH ORDERS will be shipped as authorized. The customer shall bear the risk of in-transit loss or damage.

5. CANCELLATION: Unless otherwise agreed, in the event of cancellation, Noyes shall be reimbursed for all expenses incurred.

800-321-5298 (USA) or 603-528-7780

6. PACKING: All instruments shall be packed for shipment in accordance with standard commercial practices for protection during shipment and storage.

7. WARRANTY: All Noyes products are warranted against defective material and workmanship for a period of one year from date of delivery to original customer. Any product that is found to be defective within the warranty period will, at the option of Noyes, be repaired or replaced. This warranty does not apply to any products that have been repaired or altered except by Noyes or which have been subject to misuse, negligence, or accident. In no case shall Noyes liabilities exceed the original purchase price.

Notes: Unless otherwise specified all connectors are Ultra Physical Contact (UPC).

ST is a registered trademark of AT&T.

ESCON is a registered trademark of IBM.

MTP is a registered trademark of US Conec Ltd.

MPX is a registered trademark of TYCO Electronics Corp.

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Optical Power Meters

Adapter caps are required for operation and must be ordered separately. For a list of available caps, see page 8. Includes carry case, protective rubber boot, and manual or instruction card. OPM 5 and OPM 6 series includes serial cable. AC adapters are available for the OPM 5 and OPM 6 series—see table below.

Model	Calibrated Wavelengths (nm)									Detector Type	Measurement Range (dB)	Measurement Units	Power	Features				Price
	660	780	850	980	1300	1310 ¹	1480	1550	1625					Set. Ref.	PC Software & Storage	Wave ID Detect	2 KHz Detect	
OPM 1-2C			◆		◆	◆			◆	Germanium	+6 to -60	dBm	9 volt					\$449
OPM 1-3C			◆		◆	◆			◆	InGaAs	+6 to -70	dBm	9 volt					\$549
OPM 4-1C	◆	◆	◆							Silicon	+6 to -70	dB, dBm	9 volt	◆				\$549
OPM 4-2C			◆		◆	◆			◆	Germanium	+6 to -60	dB, dBm	9 volt	◆				\$599
OPM 4-3C			◆		◆	◆			◆	InGaAs	+6 to -70	dB, dBm	9 volt	◆				\$649
OPM 4-4C			◆	◆		◆	◆	◆	◆	InGaAs	+26 to -50	dB, dBm	9 volt	◆				\$699
OPM 5-2C			◆		◆	◆			◆	Germanium	+6 to -60	dB, dBm, W	9 volt or AC	◆	◆		◆	\$995
OPM 5-3C			◆		◆	◆			◆	InGaAs	+6 to -70	dB, dBm, W	9 volt or AC	◆	◆		◆	\$1,095
OPM 5-4C			◆	◆		◆	◆	◆	◆	InGaAs	+26 to -50	dB, dBm, W	9 volt or AC	◆	◆		◆	\$1,195
OPM 6-2			◆		◆	◆			◆	Germanium	+3 to -55	dB, dBm, W	(2) AA or AC	◆	◆	◆	◆	\$1,395
OPM 6-3			◆		◆	◆			◆	InGaAs	+10 to -70	dB, dBm, W	(2) AA or AC	◆	◆	◆	◆	\$1,495
OPM 6-4						◆			◆	InGaAs	+25 to -45	dB, dBm, W	(2) AA or AC	◆	◆	◆	◆	\$1,595

¹ OPM 5 and OPM 6 use a common calibration point for 1300 nm (multimode) and 1310 nm (singlemode).

AC Adapter And Accessories for OPMs

Model	Description	OPM5C	OPM6	Price
4050-00-0111	90-264VAC/9VDC, select power cord (see page 14)	◆		\$55
4050-00-0112	90-264VAC/12VDC, select power cord (see page 14)		◆	\$65
6000-00-0023	USB to RS232 DB9M Cable	◆	◆	\$50

LED and Laser Light Sources

Includes carry case, protective rubber boot and manual or instruction card. Specify connector type at end of model number (e.g. OLS 2-Dual-SC). AC Adapters are available; see table below.

Model	Output Wavelengths (nm)						Output Ports	Emitter Type	Safety Class		Output Power (nominal, dBm)	Stability	Wave ID Transmit	Available Connector Types	Power	Price
	660	850	1300	1310	1550	1625			FDA	IEC						
OLS 1-1C	◆	◆					2	LED	n/a	1	-10 @ 660 nm, -20 @ 850 nm	± 0.1 dB / 8 hrs.		ST	9 volt or AC	\$399
OLS 1-2C		◆	◆				2	LED	n/a	1	-20	± 0.1 dB / 8 hrs.		ST	9 volt or AC	\$695
OLS 1-Dual		◆	◆				1	LED	n/a	1	-20	± 0.1 dB / 8 hrs.		SC or ST	9 volt or AC	\$850
OLS 2-1300				◆			1	Laser	1	1	-5 ¹	± 0.1 dB / 1 hr.		FC, SC or ST	9 volt or AC	\$995
OLS 2-1550					◆		1	Laser	1	1	-5 ¹	± 0.1 dB / 1 hr.		FC, SC or ST	9 volt or AC	\$1,395
OLS 2-1625						◆	1	Laser	1	1	-3	± 0.1 dB / 1 hr.		FC, SC or ST	9 volt or AC	\$2,495
OLS 2-Dual				◆	◆		1	Laser	1	1	-5 ¹	± 0.1 dB / 1 hr.		FC, SC or ST	9 volt or AC	\$2,195
OLS2-CL					◆	◆	1	Laser	1	1	-10 dBm @ 1550, -3 dBm @ 1625	± 0.1 dB / 1 hr.		FC, SC or ST	9 volt or AC	\$3,695
OLS 4		◆	◆	◆	◆		2	LED & Laser	1	1	-20 dBm @ 850 nm, -20 dBm @ 1300 nm -5 dBm @ 1310 nm, -5 dBm @ 1550 nm	± 0.1 dB / 1 hr.		ST or SC	9 volt or AC	\$2,295
OLS 6-DM		◆	◆				1	LED	n/a	1	-20 ¹	± 0.1 dB / 1 hr.	◆	SC or ST	(2) AA or AC	\$1,695
OLS 6-DS				◆	◆		1	Laser	1	1	-10 ¹	± 0.1 dB / 1 hr.	◆	FC, SC or ST	(2) AA or AC	\$2,995
OLS 6-HO ²				◆	◆		1	Laser	note 2	1	-2 ¹	± 0.1 dB / 1 hr.	◆	FC, SC or ST	(2) AA or AC	\$3,245

¹ Adjustable ± 1dB. ² Not sold in the United States.

Note: FDA does not regulate LED sources.

Notes: 660 nm LED output power specified into 1000 µm fiber. All other LED output powers specified into 62.5 µm fiber. All Laser output powers are specified into 9/125 µm singlemode fiber.

AC Adapters for Light Sources

Model	Description	OLS1	OLS2	OLS4	OLS6	Price
4050-00-0111	90-264 VAC to 9 VDC, select power cord (see page 14)	◆	◆	◆		\$55
4050-00-0112	90-264 VAC to 12 VDC, select power cord (see page 14)				◆	\$65

OLS 1-Dual, OLS2-Dual and OLS4 Accessories

Model	Description	OLS1	OLS2	OLS4	Price
8100-03-0001	ST Interface/ MM	◆		◆	\$50
8100-03-0003	SC Interface/ MM	◆		◆	\$50
8100-03-0002	FC Interface/ MM	◆		◆	\$50
8100-02-0004	SMA Interface/ MM	◆		◆	\$50
8400-00-0072	FC Interface/ SM		◆	◆	\$50
8400-00-0073	SC Interface/ SM		◆	◆	\$50
8400-00-0074	ST Interface/ SM		◆	◆	\$50

Optical Loss Test Kits

Test Kits include an optical power meter, optical light source, adapter cap, carry case, protective rubber boots and manual. Specify one source/adaptor cap connector type when ordering (e.g. SLP 4-6-SC). Additional adapter caps may be ordered separately (see page 8). For available AC adapters see pages 2 and 3. Other test kit configurations are available upon request.

Model	Power Meter	Light Source	Fiber Type	Loss Measurements (nm)					Measurement Units	Dynamic Range	Available Connector Types	Features			Price
				850	1300	1310	1550	1625				Set Ref.	PC Software & Storage	Auto Dual λ Testing	
MLP 1-1S	OPM 1-2C	OLS 1-1C	MM	◆					dBm	40 dB @ 850 nm ¹	ST				\$799
MLP 1-2	OPM 1-2C	OLS 1-2C	MM SM	◆	◆				dBm	40 dB @ 850 & 1300 nm ¹ 20 dB @ 1300 nm ²	ST				\$995
MLP 4-2	OPM 4-2C	OLS 1-2C	MM SM	◆	◆				dB, dBm	40 dB @ 850 & 1300 nm ¹ 22 dB @ 1300 nm ²	ST	◆			\$1,195
MLP 5-2B	OPM 5-2C	OLS 1-Dual	MM SM	◆	◆				dB, dBm, W	40 dB @ 850 & 1300 nm ¹ 22 dB @ 1300 nm ²	SC or ST	◆	◆		\$1,695
MLP 6-2	OPM 6-2	OLS 6 DM	MM	◆	◆				dB, dBm, W	35 dB @ 850 & 1300 nm ¹	SC or ST	◆	◆	◆	\$2,995
SLP 1-4	OPM 1-3C	OLS 2-1300	SM			◆			dBm	60 dB @ 1310 nm ²	FC, SC or ST				\$1,595
SLP 1-6	OPM 1-3C	OLS 2-Dual	SM			◆	◆		dBm	60 dB @ 1310 & 1550 nm ²	FC, SC or ST				\$2,695
SLP 4-CL	OPM 4-4C	OLS 2-CL	SM				◆	◆	dB, dBm	40dB @ 1550 & 1625 nm ²	FC, SC or ST	◆			\$4,395
SLP 4-4	OPM 4-3C	OLS 2-1300	SM			◆			dB, dBm	60 dB @ 1310 nm ²	FC, SC or ST	◆			\$1,695
SLP 4-6	OPM 4-3C	OLS 2-Dual	SM			◆	◆		dB, dBm	60 dB @ 1310 & 1550 nm ²	FC, SC or ST	◆			\$2,845
SLP 4-6D	OPM 4-4C	OLS 2-Dual	SM			◆	◆		dB, dBm	40dB @ 1310 & 1550 nm ²	FC, SC or ST	◆			\$2,895
SLP 5-CL	OPM 5-4C	OLS 2-CL	SM				◆	◆	dB, dBm, W	40dB @ 1550 & 1625 nm ²	FC, SC or ST	◆	◆		\$4,590
SLP 5-4	OPM 5-3C	OLS 2-1300	SM			◆			dB, dBm, W	60 dB @ 1310 nm ²	FC, SC or ST	◆	◆		\$2,140
SLP 5-6	OPM 5-3C	OLS 2-Dual	SM			◆	◆		dB, dBm, W	60 dB @ 1310 & 1550 nm ²	FC, SC or ST	◆	◆		\$3,340
SLP 5-6D	OPM 5-4C	OLS 2-Dual	SM			◆	◆		dB, dBm, W	40dB @ 1310 & 1550 nm ²	FC, SC or ST	◆	◆		\$3,440
SLP 6-3	OPM 6-3	OLS 6 DS	SM			◆	◆		dB, dBm, W	60 dB @ 1310 & 1550 nm ²	FC, SC or ST	◆	◆	◆	\$3,995
SMLP 4-4	OPM 4-2C	OLS 4	MM SM	◆	◆	◆	◆		dB, dBm	40 dB @ 850 & 1300 nm ¹ 50 dB @ 1310 & 1550 nm ²	FC, SC or ST	◆			\$2,795
SMLP 5-2	OPM 5-2C	OLS 1-Dual OLS 2-Dual	MM SM	◆	◆	◆	◆		dB, dBm, W	40 dB @ 850 & 1300 nm ¹ 50 dB @ 1310 & 1550 nm ²	SC or ST FC, SC or ST	◆	◆		\$3,870
SMLP 5-5	OPM 5-2C	OLS 4	MM SM	◆	◆	◆	◆		dB, dBm, W	40 dB @ 850 & 1300 nm ¹ 50 dB @ 1310 & 1550 nm ²	FC, ST or SC	◆	◆		\$2,995
SMLP 6-2	OPM 6-2	OLS 6 DM OLS 6 DS	MM SM	◆	◆	◆	◆		dB, dBm, W	35 dB @ 850 & 1300 nm ¹ 45 dB @ 1310 & 1550 nm ²	SC or ST FC, SC or ST	◆	◆	◆	\$5,995

¹ On 62.5/125 μ m multimode fiber. ² On 9/125 μ m singlemode fiber.

OTDRs (M600 and M100 series)

M600 Mini-OTDR: Includes CompactFlash™ memory card, keyboard, trace analysis PC software, carry case, (1) removable lead-acid battery, AC adapter (specify power cord; see page 14) and manual. Specify connector type at the end of model number (e.g. M600-K-MM1-ST). In M600 “QUAD” models specify multimode connector (xx) first then singlemode connector (yy) (e.g. M600-K-QUAD-ST-FC).

M100 Handheld OTDR: Includes CompactFlash™ memory card, trace analysis software, carry case, AC adapter (specify power cord; see below), manual, plus switchable SC, FC, and ST adapters.

Model	Wavelengths (nm)				Dynamic Range (dB)	Event Dead Zone (m)	Attenuation Dead Zone (m)	Number of Traces Stored on CF Card	Emitter Type	Safety Class	Available Connector Types	Power	Internal Charging	Trace Storage				Price
	Multimode		Singlemode											Color Display	Compact Flash™	3.5-inch Floppy	Size	
	850	1300	1310	1550														
M600-K-MM1-xx	◆	◆			21/23	5	15	1500	Laser	1	SC or ST	Removable Lead Acid or AC	◆	VGA	◆	◆	Mini	\$9,995
M600-K-SM1-yy			◆	◆	26/26	5	15	1500	Laser	1	SC, FC or ST		◆	VGA	◆	◆	Mini	\$10,600
M600-K-QUAD-xx-yy	◆	◆	◆	◆	21/23/26/26	5	15	1500	Laser	1	SC, FC or ST		◆	VGA	◆	◆	Mini	\$14,895
M100-K-QUAD	◆	◆	◆	◆	21/23/26/26	10	20	400	Laser	1	SC, FC & ST	NiMH Or AC	◆	¼ VGA	◆		Hand Held	\$8,995

M600 Accessories

Model	Description	Price
M600-VFI	650nm visible laser source with 2.5 mm universal adapter	\$625
M600-K	M600 mainframe with no modules	\$5,700
M600-MM1-xx	Dual multimode module (850/1300 nm)	\$4,325
M600-SM1-yy	Dual singlemode module (1310/1550 nm)	\$4,900
5150-00-0100	External Keyboard	\$125
4050-00-0109	AC Adapter 90-260 VAC to 18 VDC, specify power cord (see page 14)	\$75
3900-02-0100	Spare Battery	\$60
4050-30-0102	External battery charger (120 VAC / 60 Hz), plug type: North American	\$45
4050-30-0103	External battery charger (230 VAC / 50 Hz), European	\$45
M600-00-0902	FC Adapter Kit	\$55
M600-00-0900	SC Adapter Kit	\$55
M600-00-0901	ST Adapter Kit	\$55

M100 Power Cords

Please specify power cord type (country) when ordering an AC Adapter. One power cord is included with each AC Adapter. Additional power cords may be purchased separately.

Model	Country	Description	Price
6000-12-0001	USA	2 COND, IEC 320-C7	\$10
6000-12-0002	EURO	2 COND, 7.5 AMP, IEC 320-C7 TYPE B	\$10
6000-12-0003	UK	2 COND, 320-C7 TYPE D	\$15
6000-12-0004	AUSTRALIA	2 COND, IEC-320-C7 TYPE C	\$15
6000-12-0005	INDIA	2 COND, IEC-320-C7 TYPE G	\$15
6000-12-0006	JAPAN	2 COND, IEC-320-C7 TYPE M	\$15

OTDR Test Cables: FR Series Fiber Rings and FB Series Fiber Boxes

To measure the insertion loss of the near- and/or far-end connection to a fiber optic link an OTDR requires a launch and/or receive test cable, which essentially are test jumpers that can range from about 100 m to over 1 km in length. Because very long test jumpers are impractical to transport and use, Noyes offers coiled lengths of 50 μm multimode, 62.5 μm multimode, or singlemode fiber, packaged in compact rings or boxes, for use as OTDR test cables. Noyes FR series “fiber rings”, which provide 150 m of fiber, are ideal for premises fiber network test applications. FB series “fiber boxes”, which are offered in standard configurations of 500 m and 1 km of singlemode fiber, are designed for broadband, long-haul fiber network test applications.

NOTE: FB series fiber boxes are also available with user specified fiber type and length. Call for details.

Fiber Boxes

Model	Configuration	Fiber Type	Fiber Length	Price
FB1-SM-500-y1-y2	Standard, one fiber	Singlemode, SMF-28	500 m (1640 ft)	\$695
FB1-SM-1000-y1-y2	Standard, one fiber	Singlemode, SMF-28	1000 m (3281ft)	\$795

x1, x2 — connectors for multimode cables, specify type (e.g. ST, SC)
 y1, y2 — connectors for singlemode cables, specify type (e.g. ST, SC, FC)
 Other connector types, fiber types, and fiber lengths will be quoted upon request.

Fiber Rings

Model	Configuration	Fiber Type	Fiber Length	Price
FR1-M5-150- x1- x2	Standard, one fiber	Multimode, 50 μm	150 m (492 ft)	\$150
FR1-M6-150- x1- x2	Standard, one fiber	Multimode, 62.5 μm	150 m (492 ft)	\$150
FR1-SM-150- y1- y2	Standard, one fiber	Singlemode	150 m (492 ft)	\$150
FR3-M5-x1-MTRJ	MT-RJ near-end, A and B fibers	Multimode, 50 μm	150 m (492 ft)	\$295
FR3-M6-x1-MTRJ	MT-RJ near-end, A and B fibers	Multimode, 62.5 μm	150 m (492 ft)	\$295
FR3-SM-x1-MTRJ	MT-RJ near-end, A and B fibers	Singlemode	150 m (492 ft)	\$295
FR4-M5-MTRJ	MT-RJ loop-back, one fiber	Multimode, 50 μm	150 m (492 ft)	\$150
FR4-M6-MTRJ	MT-RJ loop-back, one fiber	Multimode, 62.5 μm	150 m (492 ft)	\$150
FR4-SM-MTRJ	MT-RJ loop-back, one fiber	Singlemode	150 m (492 ft)	\$150

x 1, x2 — connectors for multimode cables, specify type (e.g. ST, SC)
 y1, y2 — connectors for singlemode cables, specify type (e.g. ST, SC, FC)
 Other connector types, fiber types, and fiber lengths will be quoted upon request.

Microscopes for Connectors on Patch Cords (OFS 300, VS 300)

The OFS-300-200C, OFS-300-400C, and VS 300 are hand-held microscopes used to inspect fiber optic connectors on patch cords and test jumpers. The OFS 300-200C and OFS-300-400C are high-resolution optical microscopes with integrated infrared safety filters. The VS 300 is a *video* microscope with no direct optical path from the connector under inspection to the user. Each scope includes a 2.5 mm universal adapter cap and neck strap. Other style adapter caps are available. The OFS 300-200C and VS 300 use *thread-on* adapter caps (see page 8). The OFS 300-400C uses the *snap-on* adapter caps listed in the table below. VS 300 includes soft carry case

Model	Nominal Magnification	Adapter Mount	Infrared Safety Filter	Power	Price
OFS 300-200C	200x	Thread-on	Schott KG3	(2) AA alkaline	\$399
OFS 300-400C	400x	Snap-on	Schott KG3	(2) AA alkaline	\$449
VS 300	400x	Thread-on	Not required – no optical path to user	(2) AA alkaline	\$795

OFS 300 Accessories

Model	Description	Price
2460-10-0002	Spare bulb for OFS 300-200B (5 minimum)	\$2 ea.
2460-10-0001	Spare bulb for OFS 300-400 and OFS 300-200 (5 minimum)	\$8 ea.
2900-10-0003	Zoom Lens (200X – 400X zoom) for OFS 300-400 scope only	\$250
1400-01-0005	Soft Carry Case	\$35
OFS1-00-0100	Hard Carry Case	\$60
2900-10-0001	Tripod Stand (table top)	\$50
1400-01-0025	Holster	\$15
2900-10-0004	20X Eyepiece	\$95

VS 300 Accessories

Model	Description	Price
1400-01-0005	Soft Carry Case	\$35
VOS3-00-0109	Hard Carry Case	\$60
VOS3-00-0104	Replacement Eyepiece	\$200
2900-10-0001	Tripod Stand (table top)	\$50
4050-00-0115	AC Adapter 110 VAC / 9 VDC	\$55
VOS3-00-0107	Video Cable, VS to VFS 1 Display	\$17
VOS3-00-0108	Video Cable, VS to RCA Plug	\$17

Adapter Caps – Inspection (OFS-300-400 only)

Noyes snap-on adapter caps are used only with our OFS-300-400C microscope.

Model	Description	Price
8800-02-0252	1.25 mm Universal	\$120
8800-02-0019	2.5 mm Universal	\$50
8800-02-0007	FC	\$50
8800-02-0009	SC	\$95
8800-02-0014	ST	\$95
8800-02-0011	DIN 47256	\$50
8800-02-0012	SMA	\$50
8800-02-0008	Biconic	\$50
8800-02-0010	D4	\$50
8800-02-0017	Hughes	\$50
8800-02-0032	EC	\$150
8800-02-0030	Angled FC	\$95
8800-02-0031	Angled SC	\$95
8800-02-0245	E-2000	\$225
8800-02-0246	Angled E-2000	\$225
8800-02-0102	MTP	\$140
8800-02-0103	Angled MTP	\$195
8800-02-0056	1.6 mm Ferrule (pin)	\$105
8800-02-0057	2.0 mm Ferrule (pin)	\$95

Adapter Caps- Power Meter And Inspection (OPM ports, OFS 300-200, VS 300)

Noyes *standard* thread-on adapter caps are used to mate non-angled single-fiber and dual-fiber connectors to optical power meter ports on our OPM, T400, T500, and ORL 3 series test sets, and inspection ports on our OFS-300-200C and VS 300 microscopes.

Model	Description	Price
8800-00-0224	1.25 mm Universal	\$50
8800-00-0214	2.5 mm Universal	\$50
8800-00-0200	FC	\$50
8800-00-0209	SC	\$50
8800-00-0202	ST	\$50
8800-00-0221	E-2000	\$75
8800-00-0204	Biconic	\$50
8800-00-0203	SMA	\$50
8800-00-0225	LC Simplex/Duplex	\$120
8800-00-0219	Backplane SC	\$50
8800-00-0212	Radial PFO/WFO	\$50
8800-00-0210	ESCON	\$95
8800-00-0211	DIN 47256	\$50
8800-00-0205	FDDI (for meters)	\$95
8800-00-0201	D4	\$50
8800-00-0223	1000 μ m	\$50
8800-00-0226	MU Simplex	\$95
8800-00-0230	MT-RJ (A side only)	\$95
8800-00-0231	MT-RJ (A side or B side)	\$95
8800-00-0232	Nickel Silver 2.5 mm	\$50
8800-00-0236	Backplane 1.25	\$95

Adapter Caps – Inspection Only (OFS 300-200 and VS 300)

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 our OFS-300-200C and VS 300 microscopes. Do not use the following adapter caps with our optical power meters or other test sets to measure optical power.

Model	Description	Price
8800-00-0215	FDDI Kit	\$120
8800-00-0218	Angled FC	\$75
8800-00-0220	Angled SC	\$75
8800-00-0229	Angled E-2000	\$95
8800-00-0233	MTP [®] 0°	\$140
8800-00-0234	MTP [®] 8°	\$195
8800-00-0235	SMC 0°	\$165
8800-00-0236	Backplane 1.25 mm	\$50
8800-00-0237	MPX [®]	\$140
8800-00-0238	Angled MPX [®]	\$195
8800-00-0239	RCG	\$75
8800-00-0241	0° MT Ferrule	\$140
8800-00-0242	8° MT Ferrule	\$195
8800-00-0244	1.6mm Ferrule (pin)	\$50
8800-00-0248	2.0mm Ferrule (pin)	\$50

Loss / Return Loss Test Sets (T500, OLTS 5, and ORL 3)

Turbotest 500B Series - Includes APC/UPC test jumper, software, adapter cap, carry case, serial cable, hex driver, screwdriver, mandrel, AC adapter - specify power cord (see page 13), protective rubber boot and manual. A headset is included when ordered with talk option. Specify connector type (e.g. T504B-Y-SC is a 1310/1550/ Turbo with 1550 nm Talk Set Option and a SC connector).

ORL 3 Series - Includes APC/UPC test jumper, software, adapter cap and carry case. AC adapter - specify power cord (see page 13), mandrel, serial cable, hex driver, screwdriver and manual. Specify connector type (e.g. ORL 3-4-SC).

OLTS 5 Series - Includes software, adapter cap and case. AC adapter are available; see table below.

Model	Center Wavelengths (nm)					Emitter Type	Safety Class		Detector Type	Optical Power Measurement Range (dBm)	Optical Power Measurement Units	ORL Dynamic Range (dB)	Available Connector Types	Features				Power	Price Per Unit
	850	1300	1310	1550	1625		FDA	IEC						Auto Dual λ Bi-Dir Testing	Talk Set Option 45 dB 1310 nm	Talk Set Option 45 dB 1550 nm	PC Software		
T503B			◆	◆		Laser	1	1	InGaAs	+6 to -70	dB, dBm, W	65	ASC or AFC	◆			◆	Lithium Ion or AC	\$4,995
T503B-T			◆	◆		Laser	1	1	InGaAs	+6 to -70	dB, dBm, W	65	ASC or AFC	◆	◆		◆		\$6,695
T503B-Y			◆	◆		Laser	1	1	InGaAs	+6 to -70	dB, dBm, W	65	ASC or AFC	◆		◆	◆		\$7,295
T504B			◆	◆		Laser	1	1	InGaAs	+26 to -50	dB, dBm, W	65	ASC or AFC	◆			◆		\$4,995
T504B-T			◆	◆		Laser	1	1	InGaAs	+26 to -50	dB, dBm, W	65	ASC or AFC	◆	◆		◆		\$6,695
T504B-Y			◆	◆		Laser	1	1	InGaAs	+26 to -50	dB, dBm, W	65	ASC or AFC	◆		◆	◆		\$7,295
T505B				◆	◆	Laser	1	1	InGaAs	+26 to -50	dB, dBm, W	65	ASC or AFC	◆			◆		\$7,495
T505B-T				◆	◆	Laser	1	1	InGaAs	+26 to -50	dB, dBm, W	65	ASC or AFC	◆	◆		◆		\$9,195
T505B-Y				◆	◆	Laser	1	1	InGaAs	+26 to -50	dB, dBm, W	65	ASC or AFC	◆		◆	◆		\$9,795
T506B			◆	◆	◆	Laser	1	1	InGaAs	+26 to -50	dB, dBm, W	65	ASC or AFC	◆			◆		\$8,295
T506B-T			◆	◆	◆	Laser	1	1	InGaAs	+26 to -50	dB, dBm, W	65	ASC or AFC	◆	◆		◆		\$9,495
T506B-Y			◆	◆	◆	Laser	1	1	InGaAs	+26 to -50	dB, dBm, W	65	ASC or AFC	◆		◆	◆		\$9,995
ORL 3-3			◆	◆		Laser	1	1	InGaAs	+6 to -70	dB, dBm, W	65	ASC or AFC				◆	NiCd, Alkaline, 9 volt or AC	\$5,990
ORL 3-4			◆	◆		Laser	1	1	InGaAs	+23 to -45	dB, dBm, W	65	ASC or AFC				◆		\$5,990
ORL 3-6				◆	◆	Laser	1	1	InGaAs	+23 to -45	dB, dBm, W	65	ASC or AFC				◆		\$6,990
ORL 3B-MM	◆	◆				LED	1	1	InGaAs	+6 to -70	dB, dBm, W	40	ASC				◆	Lithium Ion, or AC	\$4,990
OLTS 5-3			◆	◆		Laser	1	1	InGaAs	+6 to -70	dB, dBm, W	N/A	ST, SC or FC	2 Fiber			◆	AA Alkaline (AA NiMH or AC optional) See below	\$2,995
OLTS 5-5				◆	◆	Laser	1	1	InGaAs	+6 to -70	dB, dBm, W	N/A	ST, SC or FC	2 Fiber			◆		\$5,395

AC Adapters for T500, OLTS 5, and ORL 3 and Accessories

Model	Description	T500	T500B	ORL3	ORL3B	OLTS 5	Price
4050-00-0112	90-264VAC/47-63Hz, select power cord (see page 14)			◆		◆	\$65
4050-00-0107	120 VAC/10.5VDC	◆					\$50
4050-00-0109	90-260VAC/18VDC, select power cord (see page 14)		◆		◆		\$75
6000-00-0023	USB to RS232 DB9M	◆	◆	◆		◆	\$50
3900-04-0106	NIMH-AA Battery Pack					◆	\$35

DWDM Wavelength and Optical Power Meter (WSP 100)

The WSP 100 includes software, 2.5 mm adapter cap, soft carry case, serial cable, AC adapter – specify power cord (see page 14), protective rubber boots and manual.

Model	WSP Mode				OSNR ³	Optical Connector	OPM Mode			Battery Life	Price
	Wavelength Measurements		Power Measurements				Detector Type	Calibrated Wavelength	Optical Connector		
	Test Range	Absolute Accuracy ¹	Power Measurement Range per Channel	Accuracy ²							
WSP 100	60 nm (typical 1520 – 1625 nm)	± 0.05 nm (typical < ± 0.03 nm)	-50 to + 2 dBm	± 0.5 dB	35 dB at 0.8 nm (at 100 GHz) 30 dB at 0.4 nm (at 50 GHz) > 25 dB at 0.2 nm (at 25 GHz)	FC and SC	Filtered InGaAs	850, 980, 1310, 1480, 1550, 1625 nm	Universal	6 hrs. 14.8 V 1800 mAH Lithium Ion	\$19,950

¹ At the room temperature. ² With the input of -30.00 dBm at 1570.00 nm. ³ For a single channel.

Premises Optical Fiber Link Certification Test Sets (T400)

T400 kits include main unit, remote unit, (2) adapter caps, carry case, (8) AA Alkaline batteries, (2) AC adapters – specify power cord (see page 14). Specify one source/adapter cap type when ordering (e.g. T410-ST). Additional adapter caps may be ordered separately (see page 8).

Model	Center Wavelengths (nm)				Emitter Type	Safety Class		Detector Type	Link Certification Range		Power Meter Measurement Range (dBm)	Available Connector Types	Power	Features			Price
	850	1300	1310	1550		FDA	IEC		Loss (dB)	Length (km)				Pass/Fail Results	Stores results for 1,000 fibers	PC Software	
<i>For Building and Campus Networks</i>																	
T 410	◆	◆			LED	N/A	1	Ge	11	5	0 to -40	SC or ST	(4) AA Alkaline or AC	◆	◆	◆	\$3,695
T 420			◆	◆	Laser	1	1	Ge	11	20	0 to -40	FC, SC or ST	(4) AA Alkaline or AC	◆	◆	◆	\$5,695

T400 Accessories and AC Adapters

Model	Description	Price
4050-00-0112	AC adapter 100-240VAC/12VDC, specify power cord (see page 14)	\$65
6000-00-0003	Serial Cable, 9 pin M – 9 pin F	\$15
6000-00-0023	USB to RS232 DB9M cable	\$50

VFS 1 -- Microscopes for Connectors in Panels (VFS 1)

VFS 1C and VFS 1C-CE include probe, display unit, AC Adapter – specify power cord (see page 14), neck strap, external battery charger, one lead-acid battery, carry case and manual. VFS 1C-PC and VFS 1C-PCE include probe, interface unit, AC Adapter – specify voltage, (4) AA batteries, carry case and manual. Adapter tips are required and must be ordered separately. See *VFS 1 Adapter Tips* table below for a list of available tips.

Model	Description	Nominal Magnification	Video Out	CE Marking	Power	Price
VFS 1B VFS 1C	Probe with 5" (12 cm) LCD Display Unit	140x with 5" LCD Display 300x with 5" LCD Display	NTSC	no	lead acid or AC	\$1,995 \$1,995
VFS 1B-CE VFS 1C-CE	Probe with 5" (12 cm) LCD Display Unit	140x with 5" LCD Display 300x with 5" LCD Display	PAL	yes	lead acid or AC	\$1,995 \$1,995
VFS 1B-PC VFS 1C-PC	Probe with Interface Unit (Requires external display)	>250x with 9" Display >500x with 9" Display	NTSC	no	(4) AA or AC	\$1,495 \$1,495
VFS 1B-PCE VFS 1C-PCE	Probe with Interface Unit (Requires external display)	>250x with 9" Display >500x with 9" Display	PAL	yes	(4) AA or AC	\$1,495 \$1,495

AC Adapters and Battery Chargers for VFS 1

Model	Description	Input/Output	Plug Type	VFS1C	VFS1C-CE	VFS1C-PC	VFS1C-PCE	Price
4050-00-0111	AC adapter	90-264VAC / 9VDC	Select power cord (see page 14)			◆	◆	\$55
4050-00-0109	AC adapter	90-260VAC / 18VDC	Select power cord (see page 14)	◆	◆			\$75
4050-30-0102	External battery charger	120 VAC / 10.5VDC	North American	◆				\$45
4050-30-0103	External battery charger	230 VAC / 12VDC	European		◆			\$45

Adapter Tips for VFS 1

Model For VFS 1 probe	Model For VFS 1B or C probe	Description	Price
VFS1-01-0117	VFS1-21-0115	1.25 mm Universal (for patch cords)	\$50
VFS1-01-0112	VFS1-21-0116	2.5 mm Universal (for patch cords)	\$50
VFS1-01-0109	VFS1-21-0105	ST	\$50
VFS1-01-0107	VFS1-21-0109	FC	\$50
VFS1-01-0108	VFS1-21-0118	SC	\$50
VFS1-01-0113	VFS1-21-0108	LC	\$50
VFS1-91-0200	VFS1-91-0201	MU Backplane (Kit)	\$95
VFS1-01-0115	VFS1-21-0112	E-2000	\$75
VFS1-01-0120	VFS1-21-0113	DIN 47256	\$75
VFS1-01-0110	VFS1-21-0107	Angled FC	\$75
VFS1-01-0121	VFS1-91-0202	Right Angled FC	\$150
	VFS1-21-0123	1.6mm pin termini	\$95
	VFS1-21-0122	1.6mm socket termini	\$95
	VFS1-21-0121	SMA	\$95

Model For VFS 1 probe	Model For VFS 1B or C probe	Description	Price
	VFS1-21-0125	2.0mm pin termini	\$95
	VFS1-21-0126	2.0mm socket termini	\$95
VFS1-01-0111	VFS1-21-0106	Angled SC	\$75
VFS1-01-0116	VFS1-21-0111	Angled E-2000	\$125
VFS1-01-0118	VFS1-21-0117	Biconic	\$75
VFS1-01-0119	VFS1-21-0110	EC Radiall	\$50
VFS1-01-0123	VFS1-21-0114	D4	\$75
VFS1-01-0246	N/A	MU	\$50
N/A	VFS1-21-0120	DS Connector	\$75
	VFS1-21-0205	Thread Converter (convert existing VFS 1 adapters tips for use with new VFS 1B)	\$50

VFS 1 Accessories and Spare Parts

Model	Description	Price
3900-02-0002	Spare Battery for VFS 1B or VFS 1B-CE	\$45
VFS1-PC-0910	Spare VFS1B-PC Interface Unit	\$375
VFS1-PC-0912	Spare VFS1B-PCE Interface Unit	\$375

Visual Fault Identifiers (HiLite and VFI 2)

Visual fault identifiers (VFI), also called visual fault locators (VFL) use powerful red lasers to trace and troubleshoot singlemode or multimode optical fiber links. A VFI can identify bends and breaks in 3 mm and 900 μm jacketed patch cords as well as bare fiber in slice trays. The palm-sized HiLite and hand-held VFI 2 are equipped with (1) AAA and (2) AA batteries respectively.

Model	Wavelength	Optical Output Power (into singlemode fiber)	Emitter Type	Safety Class		Connector Type	Power	Price
				FDA	IEC			
VFI 2	650 nm	1 mW, 2Hz or CW	Laser	2	2	Universal 2.5 mm	2 AA (60 hours)	\$379
HiLite	650 nm	1 mW, 2Hz	Laser	2	2	Universal 2.5 mm	1 AAA Alkaline (4 hours)	\$279

Accessories for HiLite and VFI 2

Model	Description	HiLite	VFI 2	Price
8500-10-0008	2.5 to 1.25 Converter	◆	◆	\$35
2900-30-0001	Universal 2.5mm adapter	◆	◆	\$25
2900-30-0002	Zirconia split sleeve	◆	◆	\$5
8100-03-0004	Bronze split sleeve	◆	◆	\$5

MT Tracer (12-fiber VFI and display)

The MT Tracer kit includes an MT Tracer Source, MT Tracer Display, and carry case. The MT Tracer Source, which may be used as a multifiber VFI, provides 12 separately controlled visible lasers. The MT Tracer can illuminate a selected fiber or automatically sequence through all 12 fibers. The MT Tracer display uses passive optics to show the light received on each fiber being traced. When used together, the MT Tracer Source and Display provide a fast way to trace (verify connectivity) a 12-fiber link. Both source and display are equipped with male (pinned) 12-fiber MTP® connectors.

Model	Wavelength	Optical Output Power (into singlemode fiber)	Emitter Type	Safety Class		Connector Type	Power	Price
				FDA	IEC			
MT Tracer Source	650 nm	1 mW, 2Hz or CW	Laser	2	2	MTP®	2 AA (40 hours)	\$2,795

Model	Description	Price
MT Tracer Display	Provides eye-safe viewing of visible light	\$395
MT Tracer Kit	MT Tracer Source, MT Tracer Display and carry case	\$2,995

AC Adapter for the MT Tracer Source

Model	Description	Price
4050-00-0113	120VAC / 3VDC	\$35
4050-00-0103	220VAC / 9VDC (European)	\$50

Optical Attenuator (VOA 5 and SVA 1)

Includes carry case and instruction card. Specify connector type (e.g. SVA 1-FC). APC termination for the SVA 1 is available for an additional \$100.

Model	Calibrated Wavelengths or Range, NM	Fiber Type		Insertion Loss	Attenuation Range	Return Loss	Connector Type	Power	Price
		MM (62.5 μm)	SM (9 μm)						
SVA 1	1250nm -1650nm		◆	≤ 1.5 dB @ 1310 nm	0 to 60 dB	50 dB	FC or SC	N/A	\$695
VOA5 SM	1310nm & 1550nm		◆	≤ 2 dB @ 1310/1550 nm	60 dB	40 dB	SC, ST or FC	(2) AA alkaline or AC adapter or NIMH (optional)	\$2,995
VOA5 MM	850nm & 1300nm	◆		≤ 1.5 dB @ 850 3.0 dB @ 1300 nm	30 dB	18 dB	SC, ST or FC		\$2,995

Optical Fiber Identifier (OFI 200B/C)

Includes carry case and manual.

Model	Detector Type	Fiber Coating Type *recommended	Wavelength Range	Insertion Loss (typical, dB)		Power	Features			Price
				1310 nm	1550 nm		Identifies Light Carrying Fiber	Indicates Tone	Indicates Direction of Traffic	
OFI 200 B	InGaAs	250 to 900 micron and Ribbon Fiber	900 - 1700 nm	0.2	1.5	9 volt Alkaline	◆	◆	◆	\$1,495
OFI 200 C	InGaAs	1.6 to 3 mm Jacket	900 - 1700 nm	0.5	2.5	9 volt Alkaline	◆	◆	◆	\$1,495

Fiber Optic Talk Sets

Includes two talk sets with carry case, headsets, protective rubber boots and manual. Specify connector type (e.g. FTS 2-1310-SC). AC adapters are available—see table below.

Model	Wavelength (nominal)	Fiber Type		Dynamic Range	Output	Available Connector Types	Power	Features			Price
		MM	SM					One Fiber	Digital Modulation	Multiparty	
FTS 1-2	1300 nm	◆	◆	20 dB ¹	Class I	FC, SC or ST	9 volt or AC	◆	◆		\$2,295/pair
FTS 2 – 1310	1310 nm		◆	45 dB	Class I	FC, SC or ST	(4) AA Alkaline	◆	◆	◆	\$3,800/pair
FTS 2 – 1550	1550 nm		◆	45 dB	Class I	FC, SC or ST	(4) AA Alkaline	◆	◆	◆	\$4,990/pair

¹ On singlemode fiber.

FTS Accessories and AC Adapters

Model	Description	FTS1	FTS2	VOA5	Price
4050-00-0111	AC Adapter 90-264VAC/9VDC, specify power cord (see page 14)	◆	◆		\$55
8500-10-0900	FTS-20C Clip-On Coupler		◆		\$1,200
4050-00-0112	AC adapter 100-240VAC/12VDC,specify power cord (see page 13)			◆	\$65

Miscellaneous

Multimode Test Jumpers

(62.5/125µm-2 meters)

Model	Description	Price
8700-00-0044	SC/SC	\$30
8700-00-0045	SC/ST	\$30
8700-00-0003	ST / ST	\$30
8700-00-0004	ST / SMA	\$30
8700-00-0015	FDDI / FDDI	\$120
8700-00-0009	FDDI / ST	\$120

Singlemode Test Jumpers

(9/125µm-2 meters)

Model	Description	Price
8700-00-0005	FC / FC	\$60
8700-00-0016	FC / ST	\$60
8700-00-0021	FC / SC	\$60
8700-00-0018	SC / SC	\$60
8700-00-0022	SC / ST	\$60
8700-00-0032	FC-APC / FC-UPC	\$80
8700-00-0033	SC-APC / FC-UPC	\$80
8700-00-0034	SC-APC / SC-UPC	\$80

Mating Adapters ("Bulkheads")

All adapters listed here meet singlemode mechanical tolerance requirements and therefore are recommended for *both* multimode and singlemode testing applications.

Model	Description	Price
8400-00-0004	FC	\$35
8400-00-0020	ST	\$35
8400-00-0027	Biconic	\$35
8400-00-0029	SC/FC	\$25
8400-00-0045	SC/SC	\$22
8400-00-0054	SC/ST	\$45

Bare Fiber Test Accessories

Model	Description	Price
8500-10-0007	Bare Fiber Test Connector	\$250
8400-00-0047	SC Terminator	\$50
8400-00-0048	FC Terminator	\$50

Inspection Reference Artifacts

Model	Description	Price
IRA1-00-0900	Line pair and target patterns	\$595

Mandrels for multimode link testing

The following mandrels may be used to meet the transmit jumper mandrel-wrap requirements of TIA/EIA-568 B.3 (Section 7.1) when testing multimode links using an LED source.

Model	Description	Price
5400-00-0201	Mandrel, 62.5 µm fiber, 3mm jacket	\$12
5400-00-0202	Mandrel, 50 µm fiber, 3mm jacket	\$12
5400-00-0900	Kit with two mandrels, 62.5 and 50 µm fiber, 3mm jacket	\$20

Power Cords

Please specify power cord type (country) when ordering an AC Adapter. One power cord is included with each AC Adapter. Additional power cords may be purchased separately.

Model	Country	Description	Price
6000-00-0001	USA	3COND, IEC320, 115V	\$10
6000-00-0012	Euro	3COND, IEC320, 250V, TYPE B	\$10
6000-00-0015	UK	3COND, IEC320, 250V, TYPE D	\$15
6000-00-0016	Australia	3COND, IEC320, 250V, TYPE C	\$15
6000-00-0017	Denmark	3COND, IEC320, 250V, TYPE E	\$15
6000-00-0018	Japan	2COND, IEC320, 250V, TYPE M	\$15
6000-00-0019	Swiss	3COND, IEC320, 250V, TYPE L	\$15
6000-00-0020	Italy	3COND, IEC320, 250V, TYPE I	\$15
6000-00-0021	Israel	3COND, IEC320, 250V, TYPE H	\$15
6000-00-0022	India	3COND, IEC320, 250V, TYPE G	\$15

Fiber Optic Cleaning, Inspection, and Test Kits

Each kit includes the Noyes OFS300 Optical Fiber Scope and high quality connector and adapter cleaning materials including, PREP connector cleaner, ACT-01 adapter cleaner tips for 2.5 mm, ACT-02 adapter cleaner tips for 1.25 mm, and pre-moistened alcohol pads. If none of the kits listed below meet your cleaning, inspection, and testing needs please call Noyes for custom configurations or substitutions.

Model	Description	Cleaning Materials						Light Source Wavelengths (nm)				Connector Style	Test Equipment Included					Price USD
		Act-01 5pc/pk	Act-02 5pc/pk	KimWipes	PREP	PREP replacement roll	AlcoPad 806	850	1300	1310	1550		OFS300-200C	HiLite	Power Meter	Light Source	OFI200B	
OFS1-92-0904	Basic Cleaning and Inspection Kit	5pk	5pk	Nil	1pc	Nil	40pc					N/A	◆					\$739
OPM4-94-0900	Basic Cleaning and Inspection Kit	40pk	Nil	1box	1pc	1pc	40pc			◆	◆		◆		OPM4-4C			\$1699
MLP4-92-0900	Premises Kit	5pk	5pk	Nil	1pc	Nil	40pc	◆	◆			ST	◆	◆	OPM 4-2C	OLS 1-2		\$2499
SLP4-96-0900	Telecom Kit	5pk	5pk	Nil	1pc	Nil	40pc			◆	◆	FC	◆	◆	OPM 4-4C	OLS 2-Dual		\$4099
SLP4-96-0901	Telecom Kit	5pk	5pk	Nil	1pc	Nil	40pc			◆	◆	SC	◆	◆	OPM 4-4C	OLS 2-Dual		\$4099
SLP4-96-0902	Telecom Kit	5pk	5pk	Nil	1pc	Nil	40pc			◆	◆	ST	◆	◆	OPM 4-4C	OLS 2-Dual		\$4099
SLP4-96-0905	Telecom Kit	5pk	5pk	Nil	1pc	Nil	40pc			◆	◆	FC	◆	◆	OPM 4-4C	OLS 2-Dual	◆	\$5679
SLP4-96-0904	Telecom Kit	5pk	5pk	Nil	1pc	Nil	40pc			◆	◆	SC	◆	◆	OPM 4-4C	OLS 2-Dual	◆	\$5679
SLP4-96-0903	Telecom Kit	5pk	5pk	Nil	1pc	Nil	40pc			◆	◆	ST	◆	◆	OPM 4-4C	OLS 2-Dual	◆	\$5679
SLP5-96-0902	Telecom Kit	5pk	5pk	Nil	1pc	Nil	40pc			◆	◆	FC	◆	◆	OPM 5-4C	OLS 2-Dual	◆	\$6225
SLP5-96-0901	Telecom Kit	5pk	5pk	Nil	1pc	Nil	40pc			◆	◆	SC	◆	◆	OPM 5-4C	OLS 2-Dual	◆	\$6225
SLP5-96-0900	Telecom Kit	5pk	5pk	Nil	1pc	Nil	40pc			◆	◆	ST	◆	◆	OPM 5-4C	OLS 2-Dual	◆	\$6225
SLP6-93-0900	Deluxe Telecom Kit	5pk	5pk	Nil	1pc	Nil	40pc			◆	◆	SC	◆	◆	OPM 6-3	OLS 6 DS	◆	\$6779
SLP6-93-0901	Deluxe Telecom Kit	5pk	5pk	Nil	1pc	Nil	40pc			◆	◆	FC	◆	◆	OPM 6-3	OLS 6 DS	◆	\$6779
SLP6-93-0902	Deluxe Telecom Kit	5pk	5pk	Nil	1pc	Nil	40pc			◆	◆	ST	◆	◆	OPM 6-3	OLS 6 DS	◆	\$6779

Cleaning Supplies

Model	Description Cleaning Materials	Price
FCC2-00-0900 FCC2-00-0901	Optical Quality Cleaning Fluids-nonflammable, not hazardous, not regulated (Including air-cargo)	\$11.95 can \$133.40 case (12 cans per case)
CCTS-25-0900 CCTS-25-0901 CCTS-25-0902	Connector Cleaning Tips for 2.5 mm ferrule in adapters or sockets	\$19.80 (20 pack) \$95.00 box (100 units) \$900.00 carton (1000 units)
CCTP-25-0900 CCTP-25-0901 CCTP-25-0902	Connector Cleaning Tips for the 2.5mm, 2.0mm, 1.6mm ferrules and termini	\$19.80 (20 pack) \$95.00 box (100 units) \$900.00 carton (1000 units)
CCTS-12-0900 CCTS-12-0901 CCTS-12-0902	Connector Cleaning Tips for 1.25mm ferrule in adapters or sockets	\$19.80 (20 pack) \$95.00 box (100 units) \$900.00 carton (1000 units)
CCTS-16-0900 CCTS-16-0901 CCTS-16-0902	Connector Cleaning Tips for 2.0mm and 1.6mm termini in adapters or sockets	\$19.80 (20 pack) \$95.00 box (100 units) \$900.00 carton (1000 units)
8500-10-0011	PREP Ferrule-"Cletop" "A"	\$139
8500-10-0014	PREP Ferrule-"Cletop" "B"	\$139
8500-10-0016	PREP Ferrule-"Cletop" "SB"	\$125
8500-10-0100	Qty. 3 – Replacement PREP cleaning reel "A"	\$100
8500-10-0105	Qty. 3 – Replacement PREP cleaning reel "B"	\$100
8500-10-0017 8500-10-0106	Replacement PREP cleaning reel "SB"	\$35 (each) or \$150 (box of 6)
8500-10-0101	Qty. 100 - ACT-01 2.5 mm adapter cleaner tips	\$100
8500-10-0102	Qty. 100 - ACT-02 1.25 mm adapter cleaner tips	\$100
8500-10-0103	Qty. 320 – Alco Pads	\$130

Calibration Services for Noyes Test Equipment

Calibration is recommended for the products listed below. Noyes' Calibration Department is in compliance with ANSI/NCSL Z540-1, ISO 10012-1, MIL STD 45662A, ISO Guide 25 and trace ability to the National Institute of Standards and Technology. The rates listed below include \$15.00 in parts. If parts exceed this amount you will be notified. Call Customer Service to obtain a Return Authorization Number (RMA) before sending units in for calibration.

Model	Description	Price Per Unit
Power Meters		
OPM 1, 4, 5, and 6 Series	Calibration	\$50
Light Sources		
OLS 1, 2, 3, 5, and 6 Series	Calibration	\$50
Optical Fiber Identifier		
OFI-200 Series	Calibration	\$50
Talk Sets		
FTS 1, 2, and 3 Series	Calibration	\$50
Certification Kits		
T400 Series	Calibration	\$90
Return Loss Kits		
ORL Series, T500 Series, OLTS5	Calibration	\$90
Mini OTDR's		
OFL100 Series*, M600 & M100 Series	Calibration	\$90
Variable Optical Attenuators		
VOA Series	Calibration	\$90
Network Simulators		
460 Series	Calibration	\$90
Wavelength Selective Power Meter		
WSP100	Calibration	\$270

*These products have been discontinued but we will continue to offer Calibration Services for them.