FiberWarrior Pro™ OTDR (Optical Time Domain Reflectometer)

- **The FiberWarrior Pro OTDR offers a state-of-the-art system for testing, troubleshooting, and documenting optical fiber networks in both field and lab settings.** Some of the features of this OTDR include a high performance processor, advanced software design, integrated Wi-Fi, and intuitive control functions via the touch screen panel.

Part Numbers & Descriptions (kits other than those listed are available)

- FWK-SMM1 - OTDR Multimode 850/1300nm 25dB Dynamic Range, Soft Case Launch Cord, Rechargeable Battery, Hard Transit Case
- FWK-SSM1 - OTDR Single-mode 1310/1550nm 32dB Dynamic Range, Soft Case Launch Cord, Rechargeable Battery, Hard Transit Case
- FWK-SSM2 - OTDR Single-mode 1310/1550nm 40dB Dynamic Range, Soft Case Launch Cord, Rechargeable Battery, Hard Transit Case
- FWK-SQD1 - OTDR Quad 850/1300nm MM 25dB Dynamic Range & 1310/1550nm SM 32dB Dynamic Range (2) Soft Case Launch Cords, Rechargeable Battery, Hard Transit Case

FiberWarrior Pro™ Desktop OTDR

- **The Desktop OTDR is ideal for lab or bench-top optical testing and troubleshooting.** The small, lightweight design allows for easy portability, storage, and reduced bench-top space. Simply connect the Desktop OTDR to an existing computer with the USB cord, download the FiberWarrior Pro software and it is ready to use.

Part Numbers & Descriptions

- FWU-SM01-XX - FiberWarrior USB OTDR Single-mode 1310/1550nm 32/30dB with USB Cord
- FWU-MM01-XX - FiberWarrior USB OTDR Multimode 850/1300nm 25/25dB with USB Cord
- FWU-QD01-XX - FiberWarrior USB OTDR Quad SM 1310/1550nm 32/30dB, MM 850/1300nm 25dB with USB Cord
  [XX - Connector options are - FC, LC, SC, ST, FA (for FCAPC), SA (for SCAPC)]

Portable Launch Cords (PLC)

- **OptiConcepts Portable Launch Cords provide a calibrated span of optical fiber designed to evaluate near-end connectors and anomalies in network fiber systems.** SM, 50μm, 62.5μm, 10 Gig fiber types; length up to 500 meters.

Part Numbers & Descriptions (custom lengths available)

- PLC-XXS-100M – Single-mode, 100 meters
- PLC-XXS-150M – Single-mode, 150 meters
- PLC-XXS-305M – Single-mode, 305 meters (1,000 feet)
- PLC-XX5-100M – 50μm, 100 meters
- PLC-XX6-100M – 62.5μm, 100 meters
- PLC-XXA-100M – 10 Gig, 100 meters

XX = Connector Options	
FC = 1	FC Angle = 2
SC = 3	SC Angle = 4
ST = 5	LC = 6
LC Angle = 7	X = None

PN Example: PLC-13S-150M – FC/SC, Single-mode, 150m

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www.opticoncepts.com • email: info@opticoncepts.com

Portable Launch Boxes (PLB)

- **OptiConcepts Portable Launch Boxes provide a calibrated span of optical fiber designed to evaluate near-end connectors and anomalies in network fiber systems.** SM, 50μm, 62.5μm,10 Gig fiber types; length up to 25km.

Part Numbers & Descriptions (custom lengths available)

- PLB-XXSS-1K – Single-mode, Simplex, 1km
- PLB-XX5S-1K – 50μm, Simplex, 1km
- PLB-XX6S-1K – 62.5μm, Simplex, 1km

  PN Example: PLB-135S-1K – FC/SC, 50μm, Simplex, 1km

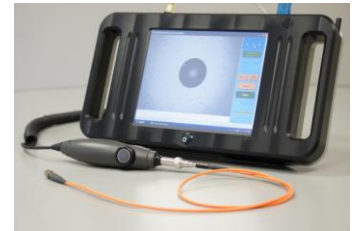| XX = Connector Options	
FC = 1	FC Angle = 2
SC = 3	SC Angle = 4
ST = 5	LC = 6
LC Angle = 7	X = None

FiberWarrior Pro™ Inspection Scope

- **FiberWarrior Pro Inspection Scope allows quick and accurate visual inspection of fiber optic endfaces.** This 400x probe comes with all tips needed to do fully automated visual inspection of connector end faces. The product is quick, easy to learn and use.

Part Number & Description

- FW-SCOPE-B2 – USB2.0 digital inspection probe kit: includes universal 1.25mm and 2.5mm tips, SC/FC female tip, LC female tip, case, and software. Optional automated Pass/Fail software is also available.

Visual Fault Locator (VFL)

- **OptiConcepts Visual Fault Locator (VFL-500) offers a quality yet economical method for performing continuity checks and fault locations.**

Part Number & Description

- VFL-500 – Visual Fault Locator, 650nm, Visible Laser, 2.5mm Universal Connector

One-Click Fiber Optic Cleaners

- **OptiConcepts Fiber Optic Cleaners use dry cloth technology to remove oil, dust, and contaminants from end faces of fiber optic connectors.**

Part Numbers & Descriptions

- FWA-LCR2 – One-click tip style cleaner for 1.25mm ferrule connectors (800 cleanings)
- FWA-SCR1 - One-click tip style cleaner for 2.5mm ferrule connectors (800 cleanings)
- FWA-MCR1- Dry cloth MPO/MTP ferrule cleaner (up to 500 cleanings)

Other Products

- **Light Source and Power Meter Test Sets**
- **Mode Conditioning Cables**
- **Rack Mountable Test Fibers**
- **Reference Jumpers**

Quality Statement
OptiConcepts is committed to providing high quality, easy to use test equipment by integrating customer needs
into world-class products and systems.

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Fiber Optic Test Equipment and Accessories

FiberWarrior Pro™ Multifiber Tester

- **FiberWarrior Pro Multifiber Test system provides fast and accurate insertion loss and polarity of 12 fiber array connectors such as MPO and MTP connectors and can also test high fiber count single fiber connectors such as FC, LC, SC, & ST.** Units are available for SM, 50μm, and 62.5μm fiber assembly testing.

Part Numbers & Descriptions

- TSW-22SA-XX – Integrated Power Meter with 1310/1550nm Light Source, 1X12 SM Optical Switch, choice of connector ports, USB Power/Control, Fast Polarity Test
- TSW-225A-XX – Integrated Power Meter with 850/1300nm Light Source, 1X12 50μm Optical Switch, choice of connector ports, USB Power/Control, Fast Polarity Test
- TSW-226A-XX – Integrated Power Meter with 850/1300nm Light Source, 1X12 62.5μm Optical Switch, choice of connector ports, USB Power/Control, Fast Polarity Test

XX - Connector port options are - FC, LC, SC, ST, FA (for FCAPC), LA (for LCAPC), MT (for MPO), SA (for SCAPC)

FiberWarrior Pro™ Simplex/Duplex Jumper Test Set

- **FiberWarrior Pro Simplex/Duplex Jumper Test Set provides fast and accurate insertion loss and polarity of jumpers using single fiber connectors.** High fiber count assemblies can also be tested with this unit. Units are available for testing SM, 50μm, and 62.5μm fiber types and FC, LC, SC, ST, and MTRJ connector types.

Part Number & Description

- TSW-D5XX - 50μm Multimode Fiber Optic Jumper Test Set with polarity Test, USB Power/Control, choice of connector ports
- TSW-D6XX – 62.5μm Multimode Fiber Optic Jumper Test Set with polarity Test, USB Power/Control, choice of connector ports
- TSW-DSXX - Single-mode Fiber Optic Jumper Test Set with polarity Test, USB Power/Control, choice of connector ports

XX - Connector port options are - FC, LC, SC, ST, FA (for FCAPC), LA (for LCAPC), SA (for SCAPC)

Rack-Mountable Test Fibers

- **Rack-Mountable Test Fibers systems are an enclosure with calibrated lengths of fiber per customer requirements.** These systems are used for training, network simulation, equipment calibration, product demonstration, and in the design of opto-electrical devices. Available in MM & SM, up to 100km of fiber, with FC, SC, ST, LC, and MTRJ connector types.

Ordering Information

- To order these products, please provide the following: 1) Number of fiber span (s), 2) Length of each fiber span, 3) Fiber type (s) needed, 4) Connector types for each fiber span, 5) Fiber span length tolerance, 6) Quantity and location of each simulated reflective and / or non-reflective events (if any), 7) Quantity and location of each passive component such as filters, couplers, and attenuators (if any).

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