

Snap On Connector (SOC) for Fiber Optic Power Meter



T1020



T1030



1062

Snap On Connectors (SOC) are used on the 560XL Fiber Optic Power Meter. The Snap On Connectors configure the optical power meter for various optical connectors.

Connector Cleaning Tools



948 Connector Reel Cleaner

The Reel Cleaner is an all-in-one connector cleaning tool. The Reel Cleaner is a complete self-contained unit requiring no additional components to clean fiber optic connectors. Cat. No. 948 is recommended for cleaning FC, SC and ST connectors.

To clean a connector, the user opens the shutter by gripping the lever and then sliding the connector end face along the exposed cleaning surface while gripping the lever.

946 Adapter Cleaning Wands

Adapter wands are a convenient, economical and disposable way to clean and maintain fiber optic interfaces and bulkhead adapters. Incorporating the same lint-free material as the all-in-one Connector Reel Cleaner, cleaning wands are effective in removing contaminants from hard-to-reach connector end face ferrule alignment sleeves. Ten cleaning wands come in each package.

Ordering Information

| CAT. NO. | UPC NO. | DESCRIPTION | QTY |
|----------|---------|--|-----|
| 170XL | 84501 | Visual Fault Finder | 1 |
| 560XL | 84485 | Fiber Optic Power Meter | 1 |
| 570XL-FC | 84486 | 850/1300nm LED source w/FC interface | 1 |
| 570XL-SC | 84487 | 850/1300nm LED source w/SC interface | 1 |
| 570XL-ST | 84488 | 850/1300nm LED source w/ST interface | 1 |
| 580XL-FC | 84489 | 1310/1550nm Laser source w/FC interface | 1 |
| 580XL-SC | 84490 | 1310/1550nm Laser source w/SC interface | 1 |
| 580XL-ST | 84491 | 1310/1550nm Laser source w/ST interface | 1 |
| 5670-FC | 84492 | Multimode Fiber Optic Test Set w/FC interface | 1 |
| 5670-SC | 84493 | Multimode Fiber Optic Test Set w/SC interface | 1 |
| 5670-ST | 84494 | Multimode Fiber Optic Test Set w/ST interface | 1 |
| 5680-FC | 84495 | Singlemode Fiber Optic Test Set w/FC interface | 1 |
| 5680-SC | 84496 | Singlemode Fiber Optic Test Set w/SC interface | 1 |
| 5680-ST | 84497 | Singlemode Fiber Optic Test Set w/ST interface | 1 |
| 5890-FC | 84498 | Multimode and Singlemode Fiber Optic Test Set w/FC interface | 1 |
| 5890-SC | 84499 | Multimode and Singlemode Fiber Optic Test Set w/SC interface | 1 |
| 5890-ST | 84500 | Multimode and Singlemode Fiber Optic Test Set w/ST interface | 1 |

Accessories

| | | | |
|-------|-------|--|----|
| 1062 | 60575 | SC/PC SOC Adapter | 1 |
| 948 | 60692 | Connector Reel Cleaner Cleaning System | 1 |
| 946 | 60571 | 2.5 mm Cleaning Wands | 10 |
| T1020 | 60576 | FC/PC SOC Adapter | 1 |
| T1030 | 60577 | ST/PC SOC Adapter | 1 |



GREENLEE[®]

A Textron Company

USA 800-435-0786 Fax: 800-451-2632
815-397-7070 Fax: 815-397-1865
Canada 800-435-0786 Fax: 800-524-2853
International +1-815-397-7070 Fax: +1-815-397-9247

4455 Boeing Drive • Rockford, IL 61109-2988 • USA • 815-397-7070
©2005 Greenlee Textron Inc. • An ISO 9001 Company • Printed in USA
Greenlee Textron Inc. is a subsidiary of Textron Inc.

www.greenlee.com

MA-4751 10/05



GREENLEE[®]

A Textron Company

XL *fiberTOOLS*[™] Series Professional Fiber Optic Instruments



There With YouSM
faster • safer • easier[™]

Instruments Designed for Fiber Optic Cable Testing

The XL *fiberTOOLS*TM are designed for the technician to perform installation and maintenance measurements on fiber optic cabling networks. The instrument family consists of individual instruments (optical power meters, 850/1300nm LED sources, 1310/1550nm Laser sources, Visual Fault Locator) and complete Insertion Loss Test Sets. The XL *fiberTOOLS*TM are designed to accurately measure optical power levels and link loss on multimode and singlemode cabling networks. These full feature general purpose fiber optic instruments are easy to operate and economically priced to outfit all technicians performing fiber optic installation and maintenance.

560XL Fiber Optic Power Meter

PRODUCT FEATURES

- Easy to use - three buttons control all functions
- Loss measurements in (dB); power measurements in (dBm)
- 0.01dB measurement resolution
- Multi-wavelength storage - store and recall reference power levels for faster, more efficient measurements
- Snap On connector interface adapts to FC, SC and ST connectors
- Long battery life
- User selectable auto shut-off
- Rugged and splash-proof
- Economically priced

SPECIFICATIONS

| | | | |
|---------------------|---|-----------------------|---|
| Optical | | Environmental | |
| Calibration | | Operating temperature | -15° C to +55° C |
| Wavelengths | 850nm, 1300nm, 1310nm and 1550nm | Storage temperature | -35° C to +70° C |
| Power Range | -3 dBm to -60 dBm | Humidity | 0 to 95% non-condensing |
| Accuracy | ± 0.25dB | Dimensions | 7.2 x 14.2 x 3.5 cm (2.8 x 5.6 x 1.4 in.) |
| Linearity | | Weight | 241g (8.5 oz.) |
| +3dBm to -3dBm | ±0.5dB | CE | EN61010; EN50081-1: 1992; EN55011, Group 1, Class A |
| -3dBm to -50dBm | ±0.05dB | | EN50082-1: 1992 IEC 801-2, -3, -4 |
| -50dBm to -60dBm | ±0.5dB | | |
| Resolution | 0.01dB | | |
| Power Requirements | Two AA size 1.5V batteries (approx. 100 hours continuous operation) | | |
| Connector interface | FC, SC or ST | | |

570XL 850/1300nm LED Source

PRODUCT FEATURES

- 850/1300nm wavelengths
- Stable calibrated output
- Easy to use
- Continuous wave and modulated output
- Fixed connector interface FC, SC or ST
- Long battery life - approx. 80 hours
- User selectable auto shut-off
- Rugged and splash-proof
- Economically priced

SPECIFICATIONS

| | | | |
|----------------------|--|--|--|
| Optical | | Environmental | |
| Center Wavelengths | 850nm | 1300nm | |
| Range (typical) | 840nm to 880nm | 1270nm to 1345nm | |
| Max. spectral width | 55nm | 150nm | |
| Stability (1 hour) | ±0.05dB | ±0.05dB | |
| Typical power output | | | |
| 100/140um | -13dBm | -20dBm | |
| 62.5/125um | -13dBm | -20dBm | |
| 50/125um | -14dBm | -21dBm | |
| Modulation frequency | 270 kHz, 1 kHz and 2 kHz | 270 kHz, 1 kHz and 2 kHz | |
| Power Requirements | Two AA size 1.5V batteries (approx. 80 hours continuous operation) | Two AA size 1.5V batteries (approx. 80 hours continuous operation) | |
| Connector interface | FC, SC or ST | FC, SC or ST | |
| Environmental | | | |
| Operating temp. | -15° C to +55° C | | |
| Storage temp. | -35° C to +70° C | | |
| Humidity | 0 to 95% non-condensing | | |
| Dimensions | 7.2 x 14.2 x 3.5 cm (2.8 x 5.6 x 1.4 in.) | | |
| Weight | 241g (8.5 oz.) | | |
| CE | EN61010; EN50081-1: 1992; EN55011, Group 1, Class A | | |
| | EN50082-1: 1992 IEC 801-2, -3, -4 | | |

580XL 1310/1550nm Laser Source

PRODUCT FEATURES

- 1310/1550nm wavelengths
- Stable calibrated output
- Easy to use
- Continuous wave and modulated output
- Fixed connect interface FC, SC or ST
- Long battery life - approx. 80 hours
- User selectable auto shut-off
- Rugged and splash-proof
- Economically priced

SPECIFICATIONS

| | | | |
|------------------------------|--|--|--|
| Optical | | Environmental | |
| Center Wavelengths | 1310nm | 1550nm | |
| Range (typical) | 1280nm to 1340nm | 1520nm to 1580nm | |
| Max. spectral width | <5nm | <5nm | |
| Stability (1 hour) | ±0.05dB | ±0.05dB | |
| Typical power output (9/125) | | | |
| Minimum | -8dBm | -8dBm | |
| Typical | -7dBm | -7dBm | |
| Modulation frequency | 270 kHz, 1 kHz and 2 kHz | 270 kHz, 1 kHz and 2 kHz | |
| Power Requirements | Two AA size 1.5V batteries (approx. 80 hours continuous operation) | Two AA size 1.5V batteries (approx. 80 hours continuous operation) | |
| Connector interface | FC, SC or ST | FC, SC or ST | |
| Environmental | | | |
| Operating temp. | -15° C to +55° C | | |
| Storage temp. | -35° C to +70° C | | |
| Humidity | 0 to 95% non-condensing | | |
| Dimensions | 7.2 x 14.2 x 3.5 cm (2.8 x 5.6 x 1.4 in.) | | |
| Weight | 241g (8.5 oz.) | | |
| CE | EN61010; EN50081-1: 1992; EN55011, Group 1, Class A | | |
| | EN50082-1: 1992 IEC 801-2, -3, -4 | | |
| CDRH laser class | Class 1 | | |

170XL Visual Fault Finder

PRODUCT FEATURES

- Continuous wave output mode for steady fault location
- Find breaks to 3km
- Blinking output mode increases viewing contrast
- Easy-to-use quick interface fits all 2.5mm connector interfaces (FC, SC, ST)
- 1.0mW output power
- Ergonomic rotary switch permits easy one-handed operation
- Rugged, compact and splash-proof aluminum design
- Two AA batteries provide 48 hours continuous operation
- Nylon belt holster included

SPECIFICATIONS

| | | | |
|-----------------------------|--|-----------------------|--|
| Optical | | Environmental | |
| Light source type | 635nm red laser diode | Operating temperature | -10° C to +50° C |
| Center wavelength | | Storage temperature | -40° C to +60° C |
| Nominal | 635nm | Humidity | 0 to 95% non-condensing |
| Range (typical) | 630nm to 640nm | Dimensions | Length: 22 cm (9.0 in.); Diameter: 2.54 cm (1 in.) |
| Spectral width (FWHM) | <2nm | Weight | 200g (7 oz.) |
| Typical output power | | CDRH laser class | Class IIIa |
| Max. into SMF-28 fiber | 1.0mW (0dBm) | CE | IEC 60-1-2 portion of the EN50082-1 ESD immunity requirement |
| Min. CW output mode | 316uW (-5 dBm) | | EN50082-1: 1992 IEC 801-2, -3, -4 |
| Blink frequency in MOD mode | <3Khz approximate) | | |
| Power Requirements | Two AA size 1.5V batteries | | |
| Battery life | Approx. 48 hours continuous operation | | |
| Connector interface | Standard "Quick Connect" universal 2.5 mm receptacle | | |

5670XL Multimode Fiber Optic Test Set

PRODUCT FEATURES

- Insertion loss test set for multimode fiber
- 850/1300nm loss measurements
- Connector for FC, SC or ST
- Rugged package design
- Easy-to-use portable package
- Economically priced

5670-FC Includes:

| | |
|----------|--------------------------------------|
| 560XL | Optical Power Meter |
| 570XL-FC | 850/1300nm LED Source w/FC Connector |
| T1020 | FC/PC SOC Adapter |
| 914B | Carrying Case |

5670-SC Includes:

| | |
|----------|--------------------------------------|
| 560XL | Optical Power Meter |
| 570XL-SC | 850/1300nm LED Source w/SC Connector |
| 1062 | SC/PC SOC Adapter |
| 914B | Carrying Case |

5670-ST Includes:

| | |
|----------|--------------------------------------|
| 560XL | Optical Power Meter |
| 570XL-ST | 850/1300nm LED Source w/ST Connector |
| T1030 | ST/PC SOC Adapter |
| 914B | Carrying Case |

5680XL Singlemode Fiber Optic Test Set

PRODUCT FEATURES

- Insertion loss test set for singlemode fiber
- 1310/1550nm loss measurements
- Connector for FC, SC or ST
- Rugged package design
- Easy-to-use portable package
- Economically priced

5680-FC Includes:

| | |
|----------|---|
| 560XL | Optical Power Meter |
| 580XL-FC | 1310/1550nm Laser Source w/FC Connector |
| T1020 | FC/PC SOC Adapter |
| 914B | Carrying Case |

5680-SC Includes:

| | |
|----------|---|
| 560XL | Optical Power Meter |
| 580XL-SC | 1310/1550nm Laser Source w/SC Connector |
| 1062 | SC/PC SOC Adapter |
| 914B | Carrying Case |

5680-ST Includes:

| | |
|----------|---|
| 560XL | Optical Power Meter |
| 580XL-ST | 1310/1550nm Laser Source w/ST Connector |
| T1030 | ST/PC SOC Adapter |
| 914B | Carrying Case |

5890XL Multimode and Singlemode Fiber Optic Test Set

PRODUCT FEATURES

- Insertion loss test set for multimode and singlemode fiber
- 850/1300nm Loss measurements
- 1310/1550nm Loss measurements
- Connector for FC, SC or ST
- Rugged package design
- Easy-to-use portable package
- Economically priced

5890-FC Includes:

| | |
|----------|---|
| 560XL | Optical Power Meter |
| 570XL-FC | 850/1300nm LED Source w/FC connector |
| 580XL-FC | 1310/1550nm Laser Source w/FC Connector |
| T1020 | FC/PC SOC Adapter |
| 915B | Carrying Case |

5890-SC Includes:

| | |
|----------|---|
| 560XL | Optical Power Meter |
| 570XL-SC | 850/1300nm LED Source w/SC connector |
| 580XL-SC | 1310/1550nm Laser Source w/SC Connector |
| 1062 | SC/PC SOC Adapter |
| 915B | Carrying Case |

5890-ST Includes:

| | |
|----------|---|
| 560XL | Optical Power Meter |
| 570XL-ST | 850/1300nm LED Source w/ST connector |
| 580XL-ST | 1310/1550nm Laser Source w/ST Connector |
| T1030 | ST/PC SOC Adapter |
| 915B | Carrying Case |