Test Equipment & Sensors
SHORT FORM CATALOG

Global Leader in Fiber Optic Products SINCE 1985

Benchtop Intelligent Optical Signal-to-Noise Ratio Generator
Fiber Optic Distributed Strain and Temperature Sensor
Fiber Length Meter

Broadband Polarization Entangled Photon Source
Polarization Extinction Ratio Measurement System
Backreflection Meter for Non-Telecom Wavelengths

OCT Module/Components
Turnkey OEM Laser Diode Sources
Optical Delay Lines
Super-Fast Erbium Doped Fiber Amplifier

OZ Optics China Ltd.
Tel: +86-573-8222-3078
Fax: +86-573-8222-3012
sales@ozoptics.com.cn

OZ Optics Turkey
Tel: +90-232-252-3531
Fax: +90-232-252-3498
msezerman@ozoptics.com.tr

OZ Optics Ltd.
Headquarters, Canada
Tel: +1-800-361-5415
Tel: +1-613-831-0981
Fax: +1-613-836-5089
sales@ozoptics.com

OZ Optics USA
California Division
Tel: +1-510-770-1268
Fax: +1-510-770-1726
qisu@ozoptics.com

OZ Optics China Ltd.
Tel: +86-573-8222-3078
Fax: +86-573-8222-3012
sales@ozoptics.com.cn

SHORT FORM CATALOG
Test Equipment & Sensors
Global Leader in Fiber Optic Products SINCE 1985

Benchtop Intelligent Optical Signal-to-Noise Ratio Generator
Fiber Optic Distributed Strain and Temperature Sensor
Fiber Length Meter

Broadband Polarization Entangled Photon Source
Polarization Extinction Ratio Measurement System
Backreflection Meter for Non-Telecom Wavelengths

OCT Module/Components
Turnkey OEM Laser Diode Sources
Optical Delay Lines
Super-Fast Erbium Doped Fiber Amplifier

OZ Optics China Ltd.
Tel: +86-573-8222-3078
Fax: +86-573-8222-3012
sales@ozoptics.com.cn

OZ Optics Turkey
Tel: +90-232-252-3531
Fax: +90-232-252-3498
msezerman@ozoptics.com.tr

OZ Optics Ltd.
Headquarters, Canada
Tel: +1-800-361-5415
Tel: +1-613-831-0981
Fax: +1-613-836-5089
sales@ozoptics.com

OZ Optics USA
California Division
Tel: +1-510-770-1268
Fax: +1-510-770-1726
qisu@ozoptics.com

OZ Optics China Ltd.
Tel: +86-573-8222-3078
Fax: +86-573-8222-3012
sales@ozoptics.com.cn

SHORT FORM CATALOG
Test Equipment & Sensors
Global Leader in Fiber Optic Products SINCE 1985

Benchtop Intelligent Optical Signal-to-Noise Ratio Generator
Fiber Optic Distributed Strain and Temperature Sensor
Fiber Length Meter

Broadband Polarization Entangled Photon Source
Polarization Extinction Ratio Measurement System
Backreflection Meter for Non-Telecom Wavelengths

OCT Module/Components
Turnkey OEM Laser Diode Sources
Optical Delay Lines
Super-Fast Erbium Doped Fiber Amplifier

OZ Optics China Ltd.
Tel: +86-573-8222-3078
Fax: +86-573-8222-3012
sales@ozoptics.com.cn

OZ Optics Turkey
Tel: +90-232-252-3531
Fax: +90-232-252-3498
msezerman@ozoptics.com.tr

OZ Optics Ltd.
Headquarters, Canada
Tel: +1-800-361-5415
Tel: +1-613-831-0981
Fax: +1-613-836-5089
sales@ozoptics.com

OZ Optics USA
California Division
Tel: +1-510-770-1268
Fax: +1-510-770-1726
qisu@ozoptics.com

OZ Optics China Ltd.
Tel: +86-573-8222-3078
Fax: +86-573-8222-3012
sales@ozoptics.com.cn

SHORT FORM CATALOG
Test Equipment & Sensors
Global Leader in Fiber Optic Products SINCE 1985

Benchtop Intelligent Optical Signal-to-Noise Ratio Generator
Fiber Optic Distributed Strain and Temperature Sensor
Fiber Length Meter

Broadband Polarization Entangled Photon Source
Polarization Extinction Ratio Measurement System
Backreflection Meter for Non-Telecom Wavelengths

OCT Module/Components
Turnkey OEM Laser Diode Sources
Optical Delay Lines
Super-Fast Erbium Doped Fiber Amplifier

OZ Optics China Ltd.
Tel: +86-573-8222-3078
Fax: +86-573-8222-3012
sales@ozoptics.com.cn

OZ Optics Turkey
Tel: +90-232-252-3531
Fax: +90-232-252-3498
msezerman@ozoptics.com.tr

OZ Optics Ltd.
Headquarters, Canada
Tel: +1-800-361-5415
Tel: +1-613-831-0981
Fax: +1-613-836-5089
sales@ozoptics.com

OZ Optics USA
California Division
Tel: +1-510-770-1268
Fax: +1-510-770-1726
qisu@ozoptics.com

OZ Optics China Ltd.
Tel: +86-573-8222-3078
Fax: +86-573-8222-3012
sales@ozoptics.com.cn

SHORT FORM CATALOG
Test Equipment & Sensors
Global Leader in Fiber Optic Products SINCE 1985

Benchtop Intelligent Optical Signal-to-Noise Ratio Generator
Fiber Optic Distributed Strain and Temperature Sensor
Fiber Length Meter

Broadband Polarization Entangled Photon Source
Polarization Extinction Ratio Measurement System
Backreflection Meter for Non-Telecom Wavelengths

OCT Module/Components
Turnkey OEM Laser Diode Sources
Optical Delay Lines
Super-Fast Erbium Doped Fiber Amplifier

OZ Optics China Ltd.
Tel: +86-573-8222-3078
Fax: +86-573-8222-3012
sales@ozoptics.com.cn

OZ Optics Turkey
Tel: +90-232-252-3531
Fax: +90-232-252-3498
msezerman@ozoptics.com.tr

OZ Optics Ltd.
Headquarters, Canada
Tel: +1-800-361-5415
Tel: +1-613-831-0981
Fax: +1-613-836-5089
sales@ozoptics.com

OZ Optics USA
California Division
Tel: +1-510-770-1268
Fax: +1-510-770-1726
qisu@ozoptics.com

OZ Optics China Ltd.
Tel: +86-573-8222-3078
Fax: +86-573-8222-3012
sales@ozoptics.com.cn

SHORT FORM CATALOG
Test Equipment & Sensors
Global Leader in Fiber Optic Products SINCE 1985

Benchtop Intelligent Optical Signal-to-Noise Ratio Generator
Fiber Optic Distributed Strain and Temperature Sensor
Fiber Length Meter

Broadband Polarization Entangled Photon Source
Polarization Extinction Ratio Measurement System
Backreflection Meter for Non-Telecom Wavelengths

OCT Module/Components
Turnkey OEM Laser Diode Sources
Optical Delay Lines
Super-Fast Erbium Doped Fiber Amplifier

OZ Optics China Ltd.
Tel: +86-573-8222-3078
Fax: +86-573-8222-3012
sales@ozoptics.com.cn

OZ Optics Turkey
Tel: +90-232-252-3531
Fax: +90-232-252-3498
msezerman@ozoptics.com.tr

OZ Optics Ltd.
Headquarters, Canada
Tel: +1-800-361-5415
Tel: +1-613-831-0981
Fax: +1-613-836-5089
sales@ozoptics.com

OZ Optics USA
California Division
Tel: +1-510-770-1268
Fax: +1-510-770-1726
qisu@ozoptics.com

OZ Optics China Ltd.
Tel: +86-573-8222-3078
Fax: +86-573-8222-3012
sales@ozoptics.com.cn

SHORT FORM CATALOG
Test Equipment & Sensors
Global Leader in Fiber Optic Products SINCE 1985

Benchtop Intelligent Optical Signal-to-Noise Ratio Generator
Fiber Optic Distributed Strain and Temperature Sensor
Fiber Length Meter

Broadband Polarization Entangled Photon Source
Polarization Extinction Ratio Measurement System
Backreflection Meter for Non-Telecom Wavelengths

OCT Module/Components
Turnkey OEM Laser Diode Sources
Optical Delay Lines
Super-Fast Erbium Doped Fiber Amplifier

OZ Optics China Ltd.
Tel: +86-573-8222-3078
Fax: +86-573-8222-3012
sales@ozoptics.com.cn

OZ Optics Turkey
Tel: +90-232-252-3531
Fax: +90-232-252-3498
msezerman@ozoptics.com.tr

OZ Optics Ltd.
Headquarters, Canada
Tel: +1-800-361-5415
Tel: +1-613-831-0981
Fax: +1-613-836-5089
sales@ozoptics.com

OZ Optics USA
California Division
Tel: +1-510-770-1268
Fax: +1-510-770-1726
qisu@ozoptics.com

OZ Optics China Ltd.
Tel: +86-573-8222-3078
Fax: +86-573-8222-3012
sales@ozoptics.com.cn

SHORT FORM CATALOG
Fiber Optic Test Equipment & Sensors

1. **Fiber Optic Distributed Strain and Temperature Sensor**
   - Up to 200 km Fiber Length
   - Up to 0.1 meter, 0.1°C, 2 μC Accuracy
   - Uses Standard Telecom Fiber

2. **Broadband Polarization-Enhanced Photon Source**
   - Quantum Computing, Imaging, Metrology
   - Broadband Covering C&L Bands
   - High Quality Polarization And Frequency

3. **Optical Signal-To-Noise Ratio Generator (OSNR)**
   - BER, DWDM, Submarine Network Testing
   - Automatically Set User Designated OSNR And Output Power Level
   - Built-In Tunable Filter With Provision For External Filter

4. **Super-Fast Erbium Doped Fiber Amplifier**
   - Sub μs Transient Suppression Time
   - Under / Over Shoot ≤ ±0.3 dB
   - Constant Gain

5. **Benchtop High Speed Polarization Controller/Scrambler**
   - Continuous Control of Polarization
   - Negligible Insertion And Return Losses
   - Up To 2 kHz Response Speed

6. **Fiber Length Meter**
   - Measures Length from a few mm to 500 m
   - Better than 2 mm Resolution
   - Less than 0.1% Measurement Error

7. **Modulator Bias Controllers**
   - Chip Sizes, Ditherless, High Extinction
   - Many Versions Are Available

8. **Pulse Compressor Peak-Field Booster**
   - Increases the Peak Field
   - Tunable Pulse Width
   - Tunable Spectral Bandwidth Expansion

9. **Power Meter with Smart Detector Heads**
   - 85 dB Dynamic Range, Fast Response Time
   - 440–1700 nm Wavelengths, Built-in Attenuator
   - Dual Detector Head Capability, USB Port

10. **Benchtop Fiber Optic Switch**
    - 1x2 To 1x8 Channels Configuration
    - High Repeatability
    - Fast Switching Time

11. **Pocket Optical Power Meter**
    - Slim and Compact Size
    - Wide Wavelength Range
    - Low Cost, Long Battery Life

12. **Low Cost Smart Detector Heads**
    - Low Cost
    - Compact Size
    - Interchangeable Connector Receptacles

13. **Handheld Optical Power Meter**
    - Wide Dynamic Range -75 to +10 dBm
    - Wide Wavelength Range 800-1650 nm, 400-900 nm
    - Low Cost, Long Battery Lifetime

14. **Fiber Optic Distributed Strain and Temperature Sensor**
    - Up to 200 km Fiber Length
    - Up to 0.1 meter, 0.1°C, 2 μC Accuracy
    - Uses Standard Telecom Fiber

15. **OZ Optics China Ltd.**
    - Tel: +86-573-8222-3078
    - Fax: +86-573-8222-3012
    - sales@ozoptics.com.cn

16. **OZ Optics USA**
    - California Division
    - Tel: +1-800-361-5415
    - Tel: +1-510-770-1268
    - Fax: +1-510-770-1726
    - qxu@ozoptics.com

17. **OZ Optics Turkey**
    - Tel: +90-232-252-3531
    - Fax: +90-232-252-3498
    - msezerman@ozoptics.com.tr

18. **OZ Optics Ltd.**
    - Headquarters, Canada
    - Tel: +1-800-361-5415
    - Tel: +1-613-831-0981
    - Fax: +1-613-836-5089
    - sales@ozoptics.com

19. **OZ Optics USA**
    - California Division
    - Tel: +1-800-361-5415
    - Tel: +1-510-770-1268
    - Fax: +1-510-770-1726
    - qxu@ozoptics.com

20. **Handheld Optical Power Meter**
    - Wide Dynamic Range -75 to +10 dBm
    - Wide Wavelength Range 800-1650 nm, 400-900 nm
    - Low Cost, Long Battery Lifetime

21. **Pocket Optical Power Meter**
    - Slim and Compact Size
    - Wide Wavelength Range
    - Low Cost, Long Battery Life
Handheld Polarization Extinction Ratio Meter
- Measure up to 40 dB Extinction Ratio
- 0.3 Degree Angle Resolution
- Up to 2 Watts, Broadband Wavelength Range

Benchtop Polarization Extinction Ratio Meter
- Measures Up To 50 dB
- 450–2400 nm Wide Wavelength Range
- 0.5° Angle Accuracy

Polarization Measurement System
- Measures Polarization Angle to ± 0.5 Degrees
- Measures Extinction Ratios up to 40 dB
- Measures Relative Power (650 Hz Sample Rate)

Highly Stable Polarization Source
- As good as 40 dB Extinction Ratio
- Pigtail and Receptacle Versions
- 635–1625 nm Wavelengths

Connector Video Microscope
- Easy-to-use
- Up to 400x Magnification
- LC, FC, SC, E2000 or Other Custom Connectors

Connector Cleaning Unit
- Easy-to-use
- Low Cost
- 2.5 mm, 1.25 mm, Custom Design Connectors

Handheld Backreflection Meter
- Sensitive to -70 dB
- 1300/1550 nm Dual Wavelength Source
- Also Measures Insertion Losses

Benchtop Backreflection Meter
- Dual Wavelength Source Available
- 633–1625 nm Non-Telecom Wavelengths
- Sensitivity To -75 dB

Digital Variable Reflector
- Test Sensitivity to Backreflection
- -1 dB to -60 dB Backreflection
- USB Communications Interface

Handheld Backreflection Meter
- High Power Up To 2 Watts
- Up To 60 dB Attenuator Range
- 350–2050 nm Wide Wavelength Range

Handheld Digital Variable Attenuator
- 0.01 dB Resolution, Fast Response Time
- 0.6 dB to 60 dB Attenuation Range
- USB Communications Interface

Benchtop Digital Multichannel Attenuator
- High Power Up To 2 Watts
- Up To 60 dB Attenuation Range
- 350–2050 nm Wide Wavelength Range

Pen & Pocket Size Fault Locators
- Detects Breaks in Fiber Optic Cables
- Use as an end-to-end Fiber Identifier, 635 nm
- Up to 10 mW, Inexpensive

Handheld LED Source
- 850, 1300, and 1550 nm Wavelengths Available
- Better than 0.01 dB Output Stability
- CW and Modulated Power Modes

Handheld Laser Diode Source
- Compact, Low Cost, Internally Modulatable
- 632–1625 nm Wavelengths
- Battery Operation, Power Adjustable

OZ Optics China Ltd.
- Headquarters, Canada
- Tel: +86-573-8222-3078
- Fax: +86-573-8222-3012
- sales@ozoptics.com.cn

OZ Optics Turkey
- Tel: +90-232-252-3531
- Fax: +90-232-252-3498
- msezerman@ozoptics.com.tr

OZ Optics Ltd.
- California Division
- Tel: +1-800-361-5415
- Fax: +1-613-836-5089
- sales@ozoptics.com
Highly Stable Polarized Source

Low Cost Smart Detector Head

PDL Emulator

High Speed Polarization Controller/Scrambler

OCT Module/Components

Complete Module or Separate Components
Such as, Broadband Isolators, Sources,
Attenuators, Collimators, Fused Splitters, Delay Lines

Digital Tunable Filter

< 1.2 nm Line Width, 0.1 nm Resolution
50 nm Tuning Range, Fast Response Time
USB Communications Interface

Optical Delay Lines

Over 600 psec Delay Range, <1 dB Losses
0.001 psec Resolution
Motor Driven, Computer Controlled Versions

Electrically Controlled Fabry-Perot Tunable Filter

Tuning Rate up to 25 kHz
Narrow Bandwidth
Low Insertion Loss

Motor Driven Variable Bandwidth Tunable Filter

45 nm Tunable Range
Flat Top Filter Shape
Polarization Insensitive

OEM High Speed Polarization Controller/Scrambler

Continuous Control of Polarization
Negligible Insertion Losses and Return Losses
>30 kHz Response Speed at Resonance Frequency

Turnkey OEM Laser Diode Sources

Wavelength Range: 375–2000 nm
Externally Modulatable
Red, Green, Blue Combiner Versions Available

OEM High Speed Polarization Controller/Scrambler

Continuous Control of Polarization
Negligible Insertion Losses and Return Losses
>30 kHz Response Speed at Resonance Frequency

Free Space Laser Module

Output Powers to 300 mW
Wavelength Range: 375–1625 nm
Externally Modulatable

ASE Broadband Light Source

High Output Power Up To 27 dBm (500 mW)
Covers C-band, L-band, Or Both
High Stability And Unpolarized Output Light
Optional Built-in Attenuator And Optical Power Monitor

ASE Broadband Light Source

High Output Power Up To 27 dBm (500 mW)
Covers C-band, L-band, Or Both
High Stability And Unpolarized Output Light
Optional Built-in Attenuator And Optical Power Monitor