Company Profile

- Company founded in 1985;
- Corporate headquarters located in Ottawa, Canada;
- Manufacturing facility in Ottawa/Canada, Izmir/Turkey, and Jiaxing/China
- Seven Product Groups: Laser-to-Fiber Delivery Systems, High Power Fiber Optic Components, Polarization Maintaining Products, Attenuators, Opto-Electronic Packaging, Test Equipment, Fiber Optic Sensor Systems
- Sales offices in Canada, USA, Europe, Turkey, and China
Company Profile

Three Product Groups:

- Fiber Optic Components 70%
- Optical Test Equipment 25%
- Fiber Optic Sensors 5%

- Over 1,000 products
- Leading Edge R&D
OZ Optics Products

Global Leader in Fiber Optic Products since 1965

Polarization Maintaining Fiber Optic Components
Patent Numbers: USA 7058275, 7059931, 7295731, China 1672073

- Polarization Maintaining Connectors / Patchcords
- Polarization Maintaining and Polarizing Splitters / Combiners / Fused Couplers / Switches
- All Fiber Manual and Electrically Driven Polarization Controllers / Scramblers
- PM Fiber Directional Taps / Power Monitors
- Fiber Pigtailed Polarizers
- PLC Splitters
- PM Fiber Pigtailed Circulators

High Power Fiber Optic Components
Patent Numbers: Canada 2494033, USA 7058275, 7059931, 7295731, China 1672073

- High Power/Temperature Connectors & Patchcords
- High Power Isolators
- High Power Laser To Fiber Couplers / Collimators / Focusers
- High Power Mode Field Adapters
- High Power Optical Taps / Power Monitors
- CO2 Cleaning for High Power Components
- High Power Splitters / WDM's
- Shutters / Recetptacles / Sleeve For Adapters with Sensors

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OZ Optics Products

Global Leader in Fiber Optic Products since 1985

Fiber Optic Attenuators for SM, PM, and MM Fibers

- Digital Variable Attenuators
- Electrically Controlled Variable Attenuators
- MEMS Variable Attenuators

- SM / PM / MM Fiber Polished Inline Variable Attenuators
- Single/Multi Channel Variable Attenuators
- Reflective Style Variable Attenuators

- Air Gap Variable Attenuators
- Pin Type Fixed Attenuators
- Attenuating Fiber Patchcords

Laser & Laser Diode to Fiber Delivery Systems

- Laser to Fiber Couplers
- Bare Fiber Adapters with Magnetic Clips
- BFOA Connectors

- Pigtail/Receptacle Style High/Low Power Collimators/Focusers
- High/Low Power Patchcords
- WDM/RGB Combiners

- OCX Modules and 2 meter Components
- OCX Laser Diode to Fiber Couplers
- Tm-V-Band Stable Laser Modules

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OZ Optics Products

Global Leader in Fiber Optic Products since 1985

Fiber Optic Components for Optoelectronic Packaging
Hermetically Sealable Patchcords with Glass or Metal Solder

Single Channel
Multi Channel

Metalized Fibers
PM/SM/MM Fiber Pigtailed V-Groove Arrays
Polarization Measurement System for V-Grooves

Tapped/Lensed Fiber Polisher / Laser Trimming
Glass Solder Pastes
Fiber Optic Ferrules

Fiber Optic Test Equipment

Polarization Extinction Ratio Measurement Systems
Power Motors with Smart Detector Heads
Broadband Digital Variable Attenuators

Optical Fiber Length Motors
High Power Visual Fault Locators Fiber Optic Stable Sources
Inline Optical Power Monitors/Meters

Laser Diode Sources Single/Multimode Wavelength
Fiber Optic Smart Patchcords
Fiber Optic Fault Finders

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Product Innovation

Fiber Optic Distributed Strain and Temperature Sensors

- BOTDA only, BDTA only, or both BOTDA and BDTA modules in one unit
- Simultaneous measurement of strain and temperature
- Fast, dynamic measurement of strain and/or temperature up to 100 km sensing range
- Uses standard telecommunication fiber to minimize costs

OZ Optics
Foresight™ Series

- Oil and Gas Pipeline Monitoring
- Fire Detection
- Bridges and Building Monitoring

OZ Guard Automated Test Solution

- Monitors and reports network health status in real time, 24 hours/day, 365 days/year
- Reduces revenue loss due to fiber plant outages
- Reports fault location, giving GPS coordinates with timestamp

Remote Monitoring of WDM Network

- Lowers network operating and maintenance expenses
- User friendly interface various wireless interfaces (WiFi, DMR, DSC, or RS-232)
- Early alert and outage reports via cellular phone, email, IM, SMS, or text messaging

OZ Optics
Global Leader in Fiber Optic Products since 1965

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Product Innovation
Product Innovation

New Products, OCT Products, 2 Micron Products

- Optical Signal to Noise Ratio Generator
- Broadband Polarization-Entangled Photon Source
- OCT Modules
- 2 Micron Fused Couplers / Taps / Splitters / Combiners
- Modulator Bias Controller
- Broadband Variable Attenuators for OCT Applications
- 2 Micron Fiber Pigtailed Laser Diode Sources

OZ Optics
shop.ozoptics.com
www.ozoptics.com

Global Leader in Fiber Optic Components since 1985
Company Profile

Over 498 employees worldwide:

- 277 in Ottawa and US
- 71 in Turkey
- 150 in China
Company Profile

OZ Optics is lead by an experienced team:

- Ömür Sezerman, Chairman, President & CEO
  - Founder and CEO since inception (34 years)
- Zahide Sezerman, VP of Human Resources
  - With OZ Optics since inception (34 years)
- Garland Best, VP of Components Division
  - 27 years at OZ Optics
- Gordon Youle, VP of Test Equipment Division
  - 20 years at OZ Optics
- Martin Powell, Operation Manager
  - 15 years at OZ Optics
- Metin Sezerman, General Manager of OZ Turkey
  - 18 years at OZ Optics
- Bing Li, General Manager of OZ Optics China
  - 15 years at OZ Optics
Company Profile

- ISO 9001:2015 certified
- Broad patent portfolio
- Advanced proprietary processing technology
Using our strong direct sales and distributors, we address the following markets:
OZ Optics has resellers and distributors in over 30 Countries & Regions and over 10,000 customers globally:

- Australia
- Austria
- Belgium
- Brazil
- Canada
- China
- Czech Rep.
- Denmark
- France
- Germany
- Greece
- Hong Kong
- India
- Ireland
- Israel
- Italy
- Japan
- Netherlands
- Luxembourg
- Norway
- Poland
- Portugal
- Singapore
- South Korea
- Spain
- Switzerland
- Sweden
- Taiwan
- Thailand
- Turkey
- United Kingdom
- United States
In-House Production Capabilities

- Experienced and well-trained staff in following fields:
  - optical, mechanical, electronics & software

CNC Machine Shop | AR Coating | Femtosecond Laser Lab

Clean Room | Laser Conditioning/Cleaving
Branch Network

OZ OPTICS CANADA (Headquarters)

OZ OPTICS TR (Turkey Factory)

OZ OPTICS CHINA (Jiaxing Factory)
Facility – Ottawa Headquarters

- 60,000 sq ft. – Manufacturing and R&D Facilities
- 15,000 sq ft. – Admin, Sales and Marketing
- 15,000 sq ft. – Training and Fitness Facility
- R&D, Product Design, Engineering, Final Assembly & QA
Facility – Ottawa Headquarters

Production Area

Training Centre Building

Meeting Room

Swimming Pool
OZ Optics – Turkey Factory

- Operational since 2000
- 33,000 sq ft. Manufacturing Facility
- Located in Free Trade Zone
- Low Tax Rates
- Sub Component Parts Manufacturing
- Cost Effective Manufacturing
- High Quality Labor
OZ Optics China

• Operational since 2009
• Wholly Foreign Owned Enterprise
• Subcomponent Parts Manufacturing
• Cost Effective Manufacturing
• High Quality Labor
• Extensive Training (3-6 months in OZ Canada)
OZ China Facility

Jiaxing, China

- Located in Economic Development Zone
- 500 sq meters – Admin, Sales and Marketing
- 1500 sq meters – Manufacturing Area
  - 100 sq meters – Class 10,000 Clean Room
  - 100 sq meters – ESD Working Area
Manufacturing Strategy

- OZ Canada
  - R&D Design Engineering
- Sub-Components
  - Made-in China
  - Made-in Turkey
  - World-Wide Sourcing
- Final Assembly Quality Assurance
- Customer
  - OZ CND Qualification
  - Customer Qualification
Industry Standards

All products manufactured are in strict accordance with international industry standards:

- Qualified for F35 JSF and F18 Program
- Telecordia Compliance
- CE Compliance
- RoHS Compliance
- ISO 9001:2015 Certified (Canada, China and Turkey)
- Controlled Goods Directorate Registered
Core Competencies

• Pioneer in Polarization Maintaining (PM) Components
• Leader in Wavelength Flattened, High Power & Low PDL Components
• Leader in High Power Fiber Optic Delivery Systems
• Custom Test Equipment, Including Polarization Test Equipment and FTTH Equipment
• Widest Range in Attenuator Product Offering
• Fiber Optic Distributed Strain and Temperature Sensors
• Complete product line for OCT applications & 2 Micron
• Now available: Bias Controllers, Spectrometers, Optical Noise Generators and Broadband Polarization-Entangled Photon Source
Leading Technology

- **High Power Isolators**
  - power handling > 50W
  - low loss, low cost
  - turnkey solution

- **Fiber Optic Sensor**
  - fast and simultaneous measurement of strain & temp
  - large structure health monitoring

- **Leader in High Power Fiber Optic Delivery Systems**
  - specializes in custom design

- **Pioneer in Polarization Maintaining (PM) Components**
  - wavelength flattened
  - high power & low PDL
  - PM test equipment
OUR VISION
• Be the preferred Supplier of choice
• Capture and expand market share
• Maximize shareholder value

OUR MISSION
• To become the leading provider of innovative optical products to telecom and non-telecom sectors

OUR CORE VALUES
• Leadership
• Teamwork
• Boldness
• Commitment
• Innovation
• Rewards

OUR QUALITY POLICY
• Provide our Customers with a competitive advantage, leveraging performance, price and delivery, through a continuous process of Quality advancement in all areas of our Company
• Communicate effectively to our Customers, Suppliers and Shareholders our commitment to Quality, continuous improvement and to abide by any applicable requirements
• Promote opportunities of professional development for all members of our Company through education, training and personal challenge

Ömür Sezerman
President

www.ozoptics.com
Competitive Advantage

- Superior Technology
- Innovative Engineering
- Exceptional Quality & Service
- Competitive Pricing
- Extensive Experience in Fiber Optics Manufacturing
- Global Presence
- Success
• OZ Optics provides high quality, competitively priced fiber optic products based on a patented tilt alignment technique.

• Our products include a laser to fiber coupler with adjustable focus which allows >80% coupling into a singlemode fiber.
Other Products Include:

- Turnkey Laser Diode to Fiber Delivery System
- High Power Laser to Fiber Couplers with Shutters, Attenuators and/or TE Coolers
- Laser to Fiber Delivery Systems for Flow Visualization
- Fiber Collimators & Focusers
- U-Brackets with Removable Optics
- Laser Diode to Fiber Couplers
- Laser Diode Collimators
- Laser Diode Power Combiners
- Fiber Optic Vacuum Feedthroughs
Laser to Fiber Couplers

DTS0049 and DTS0062: Laser to Fiber Coupler with Receptacle (Non-Contact style) and Laser to Fiber Couplers-Pigtail Style

HPUC-23-400/700-P-10AC-11 AND LPSC-03-780-5/125-P-11AS-14-40-3AF-3-3

- > 60% coupling efficiency for SMF & PMF
- Low / High power versions >10 W
- 240 nm to 2200 nm wavelengths
Laser to Fiber Couplers

DTS0049: Laser to Fiber Coupler with Receptacle (Non-Contact style)
HPUC-23-400/700-P-10AC-11

• > 60% coupling efficiency for SMF & PMF
• Low / High power versions >10 W
• 240 nm to 2200 nm wavelengths
Laser to Fiber Couplers

DTS0049 and DTS0062: Laser to Fiber Coupler with Receptacle and Polarization Rotators/Analyzers
HPUC-23AF-633-P–3.5AC-15-POL

• > 60% coupling efficiency for SMF & PMF
• Low / High power versions >10 W
• 240 nm to 2200 nm wavelengths
Laser to Fiber Couplers

DTS0095: Beam Splitters/Combiners
ULBS-12P-4/125-PP-633-90/10-3.9AS-20-40-3AF3AF-3-1

• > 60% coupling efficiency for SMF & PMF
• Low / High power versions >10 W
• 240 nm to 2200 nm wavelengths
Laser to Fiber Couplers with Adjustable Focus

DTS0047: Laser to fiber Coupler with Adjustable Focus
HPUC-2A3A-400/700-P-3.5AC-1 and QPMJ-A3A3S-488-3.5/125-3AS-2-1

- > 80% coupling efficiency for SMF & PMF
- SMF, MMF & PMF versions
- 0.1 micron resolution in focus adjustment
Laser to Fiber Couplers with Adjustable Focus

- > 80% coupling efficiency for SMF & PMF
- SMF, MMF & PMF versions
- 0.1 micron resolution in focus adjustment
Adjustable Fiber Connectors

DTS0047: Laser to fiber Coupler with Adjustable Focus

HPUC-2,A3A-400/700-P-3.5AC-1 and QPMJ-A3A,3S-488-3.5/125-3AS-2-1

- Use for adjustable focusers & couplers
- FC/PC, FC/APC and SMA 905 compatible
- SMF, MMF & PMF versions
Laser to Fiber Couplers
- with Electrically Controlled Attenuators

DTS0048: Laser to fiber Coupler with Attenuator or Shutter

HPUC-23AF-P-633-3.9AS-CLH-DD-485:1-6-MC/RS232

- > 60% coupling efficiency for SMF & PMF
- 60 dB attenuation range
- 0.5 dB accuracy, 0.01 dB resolution

Laser to Fiber Delivery System Questionnaire
Laser to Fiber Couplers with Shutters

DTS0048: Laser to fiber Coupler with Attenuator or Shutter
HPUC-23AF-633-P-3.9AS-15-SH

• > 60% coupling efficiency for SMF & PMF
• Up to 3 W optical power handling
• Ideal for safety interlocks, remote control
Laser to Fiber Couplers with TE Cooler

DTS0039: High Power Laser to Fiber Couplers with Temp. Control
HPUC-25-1064-M-50PQ-2-TE-DR-PS

- >10 W CW power handling
- 0.1°C Temperature control
- SMF, MMF & PMF versions
• Standard collimated beam diameter: 0.2 mm to 3.5 mm
• Standard sizes: 1.6 mm, 2.5 mm, 4 mm, 8 mm, 11 mm, 12 mm & 25.4 mm diameter housing
• Up to 1 kW Power
Pigtail Style Collimators / Focusers

DTS0060: Collimators/Focusers – Pigtail Style
LPC-03-1550-8/125-P-0.44-2AS-40-3A-3-2
LPF-01-1550-8/125-P-3-19.4-5AS-60-3A-3-1

• As small as 2 µm waist diameter
• Up to -60 dB back reflection SMF, PMF; 35 dB MMF
• 240 nm – 2200 nm
Precision Fiber Optic Collimator/Focuser Array

DTS0156: Precision Fiber Optic Collimator/Focuser Array
LPCA-4-250-1550-9/125-S-0.1-30-3A-1-1-0.5

- High density, small footprint
- Evenly spaced linear configuration
- Generate a precise array of collimated/focused spots
Receptacle Style Collimator / Focusers

DTS0094: Collimators and Focusers – Receptacle Style
HPUCO-23-400/700-P-50AC

- 0.2 mm to > 15 mm beam diameters
- 240 nm to 2200 nm wavelengths
- Achromatic collimators available
Receptacle Style Collimator / Focusers

DTS0094: Collimators and Focusers – Receptacle Style
HPUCO-T3-400/700-M-3.5AC

- 0.2 mm to > 15 mm beam diameters
- 240 nm to 2200 nm wavelengths
- Achromatic collimators available
Delivery Systems for Flow Visualization

DTS0014: Delivery System for Flow Visualization – Fiber Optic
HPUC...+ FMJ...+ FOLM...

• Uniform intensity along the line
• Up to 1 mm linewidths, 10° to 60° fan angles
• Cross targets also available
U-Brackets with Removable Optics

DTS0022: U-Bracket Assembly – Fiber Optic
UB-01-33-1550-S-S-3.03

• As good as 0.6 dB insertion loss (pigtail style)
• -40, -50, -60 dB Back reflection
• Use with A/O modulators, bulk optics
OEM Laser Diode to Fiber Couplers

DTS0063: Laser Diode to Fiber Coupler – Pigtail Style
LDPC-01-635-4/125-s-40-3S-3-1-35-5LD

• 375 nm to 2050 nm wavelengths
• > 20% coupling into SMF, to > 60%
• Low cost, rugged & compact size

Laser Diode / LED to Fiber Delivery System Questionnaire
OEM Laser Diode to Fiber Couplers

DTS0045: Laser Diode to Fiber Couplers
HULD-13-635-S-30-7LD

- 375 nm to 2050 nm wavelengths
- Recommend MMF, > 20% coupling into SMF
- Low cost, rugged & compact size
Lab Style Laser to Fiber Couplers

DTS0045: Laser Diode to Fiber Couplers
LDPC-05-635-4/125-S-40-3S-3-1-20-7LD-DR

- 375 nm to 2050 nm wavelengths
- Up to 50% coupling efficiency into SMF & PMF
- PC board mountable, reusable optics

Laser Diode / LED to Fiber Delivery System Questionnaire
TE Controlled Laser Diode Housings

DTS0024: Fiber Pigtailed Temperature Controlled Laser Diode Housing
LDPC-T1-780-5/125-P-40-3A-3-1-40-1-CSP

- 0.01 dB output stability, SMF, PMF & MMF
- Built-in temperature sensor
- 0.1°C temperature control

Laser Diode / LED to Fiber Delivery System Questionnaire
Laser Diode Collimators

DTS0043: Laser Diode Collimators
HULDO-41-1310-2AS-PO-SP
HULDO-11-670-2AS-5LD

- 0.6 mm to 4.9 mm beam diameters
- Adjustable lens can be used as focusers
- Low cost, rugged & compact size
Laser Diode Power Combiners

DTS0044: Laser Diode Power Combiner
ULBS-11P-4/125-P-660/690-PBS-40-3S-3-1-SP

- Up to 45% coupling from each diode
- -40, -50, -60 dB Back reflection SMF, PMF & MMF
- Can combine equal / different wavelengths
Turn Key Free Space or Fiber Pigtailed Laser Diode Modules

DTS0081: Turnkey, Ultra Stable, OEM LD Source OZ-1000 & OZ-2000 Series

OZ-2000-405-3/125-S-40-3S-3A-1-1

- Wide wavelength range 375 nm – 2050 nm
- SM, MM, PM Fiber pigtailed with collimators
- Receptacle versions are also available
• Wide wavelength range 375 nm – 2050 nm
• SM, MM, PM Fiber pigtailed with collimators
• Receptacle versions are also available
Penetrating Vacuum Feedthroughs

DTS0023: Vacuum Pressure Feedthrough – Fiber Optic
VAC-01-V-SMJ-3A3A-1300/1550-9/125-1-1.5

- No intrinsic insertion loss or back reflection
- Low cost, rugged & compact size
- Gas leak rate $10^{-6}$ scc/sec
Vacuum Feedthroughs – Receptacle Style

DTS0023: Vacuum Pressure Feedthrough – Fiber Optic
VAC-3S3S-IRVIS-105/125-M

- Single mode, polarization maintaining & multimode versions
- Easy to install & use. compact & rugged
- Gas leak rate $10^{-6}$ scc/sec
High Power Fiber Patchcords

DTS0037: High Power Fiber Optic Patchcords
QMMJ-5HP5HP-UVVIS-200/240-3AS-4
QSMJ-A3HP,3S-320-2/125-3A-2
QPMJ-A3HPM,3S-488-3.5/125-3-5-1

- MMF, SMF & PMF Versions
- Armored cable available for safety
- Near UV to short-wave infrared wavelengths
- Adjustable connector combination for extra flexibility
High Power Fiber Patchcords

DTS0037: High Power Fiber Optic Patchcords
QMMJ-A3AHP,2F-UVVIS-100/140-3-10
QMMJ-A3AHPM,3AF-IRVIS-50/125-3-2
QMMJ-A3AHPC,X-IRVIS-20/125-5AS-1-AR-CSP
QMMJ-A5HPL,5HPL-UVVIS-200/240-5AS-5

Versions Offered:

• HP: High power polish, air gap connector
• HPM: High power mechanical cleave, air gap connector
• HPC: High power coreless fiber end cap, air gap connector
• HPL: High power laser treated end face, air gap connector
High Power Fiber Patchcords

DTS0037: High Power Fiber Optic Patchcords
QMMJ-A3AH,2F-UVVIS-100/140-3-10
QMMJ-A3AHPM,3AF-IRVIS-50/125-3-2
QMMJ-A3AHPC,X-IRVIS-20/125-5AS-1-AR-CSP
QMMJ-A5HPL,5HPL-UVVIS-200/240-5AS-5

Versions Offered:

• HP: High power polish, air gap connector
• HPM: High power mechanical cleave, air gap connector
• HPC: High power coreless fiber end cap, air gap connector
• HPL: High power laser treated end face, air gap connector
High Power Fiber Patchcords

Versions Offered:

- HP: High power polish, air gap connector
- HPM: High power mechanical cleave, air gap connector
- HPC: High power coreless fiber end cap, air gap connector
- HPL: High power laser treated end face, air gap connector

DTS0037: High Power Fiber Optic Patchcords

QMMJ-A3AHP,2F-UVVIS-100/140-3-10
QMMJ-A3AHPM,3AF-IRVIS-50/125-3-2
QMMJ-A3AHP,2X-IRVIS-20/125-5AS-1-AR-CSP
QMMJ-A5HPL,5HPL-UVVIS-200/240-5AS-5
High Power Shutters/Bulkhead Receptacles With Safety Interlocks

- Multiple Watt CW power handling
- Temperature, contact or proximity sensors for safety interlock
- SMA 905 or FC receptacles
High Power Shutters/Bulkhead Receptacles With Safety Interlocks

- Multiple Watt CW power handling
- Temperature, contact or proximity sensors for safety interlock
- SMA 905 or FC receptacles
High Power Shutters/Bulkhead Receptacles With Safety Interlocks

• Multiple Watt CW power handling
• Temperature, contact or proximity sensors for safety interlock
• SMA 905 or FC receptacles
High Power Shutters/Bulkhead Receptacles With Safety Interlocks

- Multiple Watt CW power handling
- Temperature, contact or proximity sensors for safety interlock
- SMA 905 or FC receptacles
High Power Shutters/Bulkhead Receptacles With Safety Interlocks

- Multiple Watt CW power handling
- Temperature, contact or proximity sensors for safety interlock
- SMA 905 or FC receptacles
High Power Shutters/Bulkhead Receptacles With Safety Interlocks

- Multiple Watt CW power handling
- Response speed of < 30 ms
- Temperature, contact or proximity sensors for safety interlock
- SMA 905 or FC receptacles
High Power Shutters/Bulkhead Receptacles With Safety Interlocks

- Multiple Watt CW power handling
- Response speed of < 30 ms
- Temperature, contact or proximity sensors for safety interlock
- SMA 905 or FC receptacles
Hybrid Patchcords

DTS0082: Universal Connectors and Hybrid Patchcords
AA-200-11-9/125-3A3S

• Angled, super, ultra, FC/PC, ST, SC connectors
• Male to male, male to female versions
• Low cost, rugged & compact size
Universal Connectors

DTS0082: Universal Connectors and Hybrid Patchcords
AA-200-3SC

• Available for FC, ST, SMA, SC & LC
• Less than 0.3 dB insertion losses
• Patch panel mountable, duplex styles
Sleeve Thru Adaptors

- Available for FC, ST, SMA, SC & LC
- Less than 0.3 dB insertion losses
- Patch panel mountable, duplex styles

DTS0004: Connectors, Patchcords, Bulkhead Receptacles & Sleeve Thru Adaptors
SMC-03 and PMC-03
HLPC-SMA/M
Bare Fiber Adaptors

DTS0003: Bare Fiber Adaptors
BARE-03-82-M

• Used to hold bare fibers
• FC, SC, ST, SMA connectors available with spring loaded and magnetic clips versions.
• Reusable, inexpensive
Available for FC, ST, SMA, SC, LC, E2000

Angled FC, ST, SC, LC, E2000

Designed for free space use, compact size
Fused Fiber Optic Couplers

DTS0033: Fused Couplers – Fiber Optic
FUSED-12-780-5/125-50/50-3A3A3A-3A-0.5-PM

- 1x2, 2x2 & 1xN Couplers available
- 0.5 dB Typical excess losses, SMF & MMF
- 488 nm to 2050 nm wavelengths
Fused Fiber Optic Couplers

DTS0033: Fused Couplers – Fiber Optic
FUSED-12-1550-8/125-50/50-3S3A3A-1-1-PM

• 1x2, 2x2 & 1xN Couplers available
• 0.5 dB Typical excess losses, SMF & MMF
• 488 nm to 2050 nm wavelengths
Fused Fiber Optic Couplers

DTS0033: Fused Couplers – Fiber Optic
FUSED-12-633-4/125-80/20-3A3A3A-3-1

• 1x2, 2x2 & 1xN Couplers available
• 0.5 dB Typical excess losses, SMF & MMF
• 488 nm to 2050 nm wavelengths
Fused Fiber Optic Couplers

DTS0033: Fused Couplers – Fiber Optic
FUSED-14-532-3.5/125-25/25/25-3A3A3A3A3A-1-0.5

• 1x2, 2x2 & 1xN Couplers available
• 0.5 dB Typical excess losses, SMF & MMF
• 488 nm to 2050 nm wavelengths
Fiber Pigtailed Isolators

DTS0016: Isolators – Fiber Optic
FOPI-21-11-1550-9/125-S-50-3A3A-1-1-55

- ≤ 0.8 dB IL, as good as 60 dB isolation
- -40 dB, -50 dB, -60 dB Back reflection SMF & PMF
- 532 nm to 2050 nm wavelengths
Fiber Pigtailed Isolators

DTS0016: Isolators – Fiber Optic
FOI-11-11-1064-6/125-P-40-3A3A-1-1-30-HP

• ≤ 0.8 dB IL, as good as 60 dB isolation
• -40 dB, -50 dB, -60 dB Back reflection SMF & PMF
• 532 nm to 2050 nm wavelengths
Fiber Pigtailed Isolators

DTS0016: Isolators – Fiber Optic
FOI-11-11-633-4/125-P-40-3A3A-3-1-35

- $\leq 0.8$ dB IL, as good as 60 dB isolation
- -40 dB, -50 dB, -60 dB Back reflection SMF & PMF
- 532 nm to 2050 nm wavelengths
Wave Division Multiplexers

DTS0089: Wave division Multiplexers
WDM-13P-1111-405/532/650-3.5/125-SSSS-40-3A3A3A3A-3-1

- ≤ 0.8 dB Insertion losses, 65 dB isolation
- Up to 2 Watt power handling
- -40 dB, -50 dB, -60 dB Back reflection
RGB Wave Division Multiplexers and Delivery Systems

DTS0089 and DTS0117: Wave division Multiplexers, White Light (RGB Laser Sources)
WDM-14-33333-690/750/797/847-50/125-MMMMM
RGB-100-442/532/635-3.5/125-P-3A-3AS-1-15

• Combines red/green/blue visible wavelengths
• Two, three, and four wavelength versions
• MM, SM and PM Fiber versions
Gold / AR / HR Coated Fiber Ends

DTS0020: Reflectors- Fiber Optic (Fixed or Variable)
FORF-11P-1300/1550-9/125-S-3S-3A-1
FORF-31P-1550-50/125-M-X-1-1-HR

- Gold over >96% , AR: < 0.1% reflection levels
- High reflection coating >99% reflection
- 700 nm to 2000 nm Wavelengths
- SMF, MMF & PMF Versions
Variable Fiber Reflectors

DTS0020: Reflectors- Fiber Optic (Fixed or Variable)
FORF-21P-1550-9/125-S-60-50-3A3A-3-1

- Used for back reflection measurements
- 0.6 dB Typical insertion losses, SMF, MMF & PMF
- Available from 400 nm to 2000 nm
Fiber Optic Filters

DTS0031: Fixed and Removable Filters
FF-11-1064-6/125-P-40-XX-3-1-1.4-HP2
RFF-11-1064-6/125-P-40-XX-1-1-CSP-HP

- 400 nm to 2200 nm Wavelengths, SMF, PMF & MMF
- -40 dB, -50 dB, -60 dB Back reflection
- Filters can be fixed or removable
Fiber Optic Educational Kits

DTS0015: Educational Kits - Fiber Optic
FOEK-03-1,2,3,4,5-633-M-11-NTSC

• Teaches basics of fiber optics
• Easy to use, affordable
• Wide range of labs available
Fiber Optic Termination Kits

DTS0021: Termination Kits - Fiber Optic
OFOC-01-3

- For FC, ST, SMA or SC Connectors
- Contains all the necessary polishing films, tools, epoxies & accessories
Alignment Kits and Tools

DTS0097: Alignment Tools and Kits
START-03AF-USB-IRVIS

- Simplify alignment of laser to fiber couplers
- Available with video instructions on USB stick
- Polarization alignment tool simplifies polarization alignment
- Torque screwdriver
OZPEN™ CO₂ Fiber Optic Cleaning Unit

- Superior removal of contaminants on fiber optics and other components
- Quick and dry solvent free cleaning process
- Cleans variety of substrates
- Designed to clean small surface area
- Ideal for high power applications
Your solution provider for existing and next generation fiber optic components and test equipment

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Email: sales@ozoptics.com.
Thank You for Choosing OZ!