



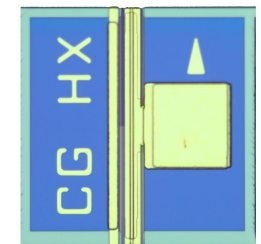
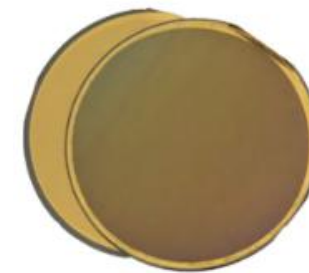
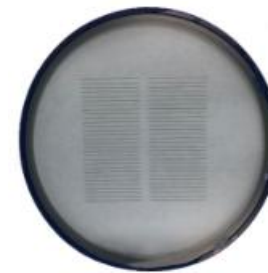
Full range of capabilities from chip design, epitaxy, and wafer processing to testing.

Features & Applications

- Multi Quantum Well Distributed Feedback Laser
- Uncooled Operation up to $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$
- Qualified for Telcordia GR-468
- PON, Access, Optical Ethernet, SDH

Portfolio

- 2.5G DFB Laser Diode Chip at 1270nm
- 10G DFB Laser Diode Chip at 1270nm
- 2.5G DFB Laser Diode Chip at 1310nm
- 10G DFB Laser Diode Chip at 1310nm



[Learn More](#)



TO CAN Production Capacity up to 3KK pairs per month.

Applications

- GPON ONT/ONU
- Data communications
- Access, Ethernet, Fiber Channel
- Other optical transmission system

TO CAN portfolio includes:

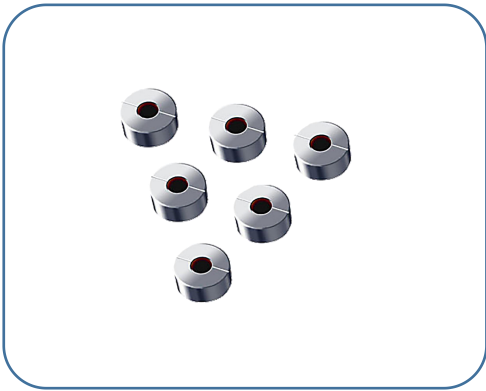
- 2.5G InGaAs Avalanche Photodiode
- 2.5G InGaAs PIN plus Pres-amplifier
- 2.5G 1310nm DFB/LD
- 10G 1270nm DFB/LD



[Learn More](#)

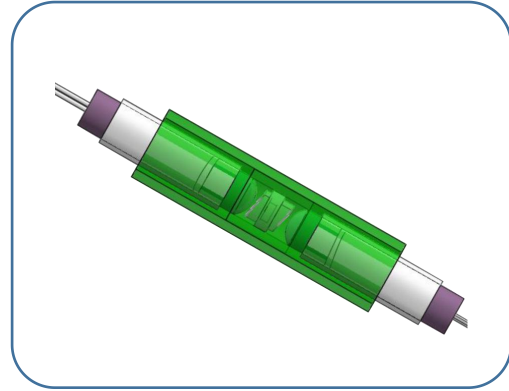
www.glsun.com

Optical Isolators & Circulators



Free Space Isolator

- Low PDL
- High channel isolation
- High Return Loss
- Single stage and dual stage for option.
- 1310/1490/1550nm etc



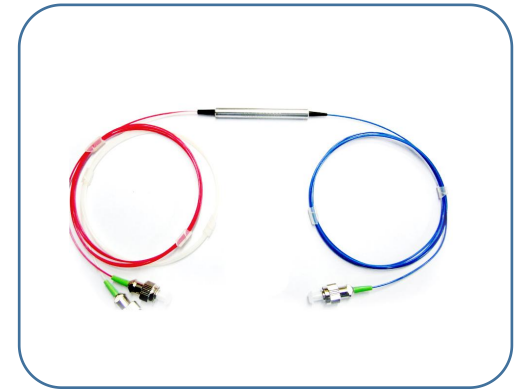
In-Line Optical Isolator

- High isolation and low insertion loss
- $\phi 5.5 \times 35$ mm compact size
- Used for DWDM/CWDM, EDFA Application



Pigtail Free Space Isolator

- High isolation and low insertion loss
- 1310nm / 1550nm
- Used for OSA package and optical transmitter



Optical Circulator

- High isolation and low insertion loss
- Low PDL & PMD
- $\phi 5.5 \times 50$ / $\phi 5.5 \times 38$ mm stainless steel tube compact size

[Learn More](#)

MEMS Series Products



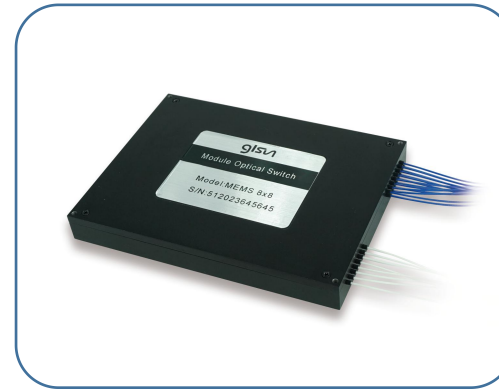
MEMS 1xN Optical Switch

- Small package
- Applied in DWDM networks, channel monitor, R&D in laboratory and configurable OADM



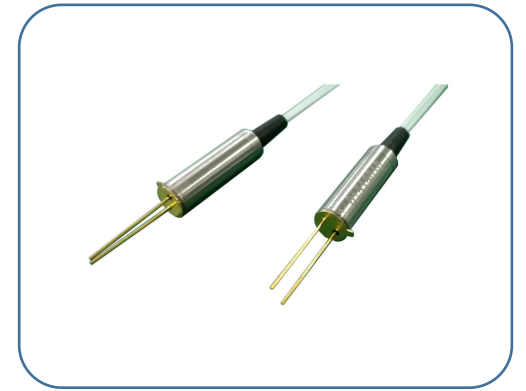
Multi-cast Switch(MCS)

- ADD & DROP in one module
- Hitless switching
- Low insert loss, low power dissipation
- Applied in DWDM networks, ROADM Systems



MxN Matrix Module

- Low Insertion Loss
- Fully Bi-Directional, Low power dissipation
- Applied in DWDM networks, channel monitor, R&D in laboratory, configurable OADM

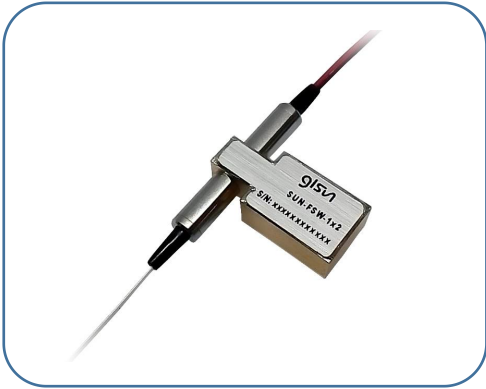


MEMS VOA

- Single mode and multimode is available.
- Applied in power control, power regulate, channel balance.

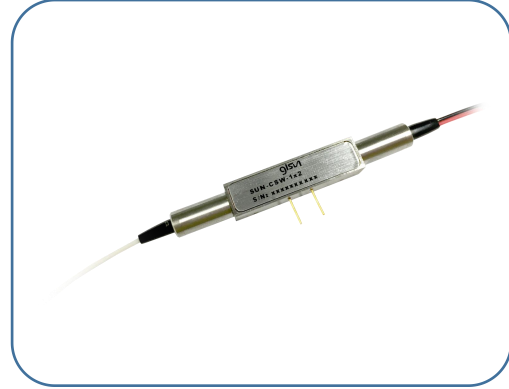
[Learn More](#)

Optical Switches



Relay Type

- Low Insertion Loss
- Wide Wavelength Range
- Low Crosstalk
- Latching and Non-latching



Magneto Type

- High switching speed
- Better durability
- High reliability
- Low voltage drive
- Fail-safe latching



Multi-Channel Rotary

- More Than 128 Channels
- Parallel Interface (TTL)
- Remote monitoring in optical network
- Fiber and optical component testing

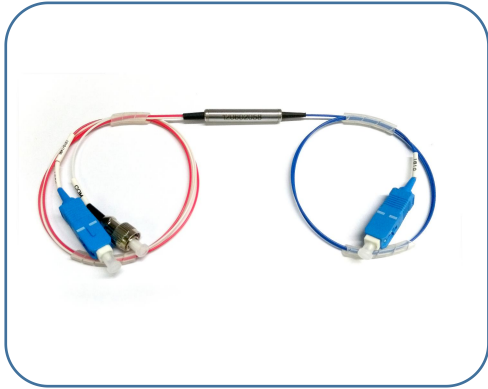


Rack Mount Type

- Automatic Measurement
- Optical Network Remote Monitoring
- Cable Monitoring and Maintaining system

[Learn More](#)

CWDM/DWDM/FWDM Series Products



WDM Device

- $\Phi 4.2 \times 34$ / $\Phi 5.5 \times 38$ mm stainless steel tube package
- Low insertion and high isolation
- Excellent environmental reliability



WDM ABS Module

- 100×80×10.5mm ABS package
- Good channel uniformity
- Low insertion loss in pair



5G Fronthaul WDM Module

- Low insertion Loss
- Small module dimension
- Excellent reliability

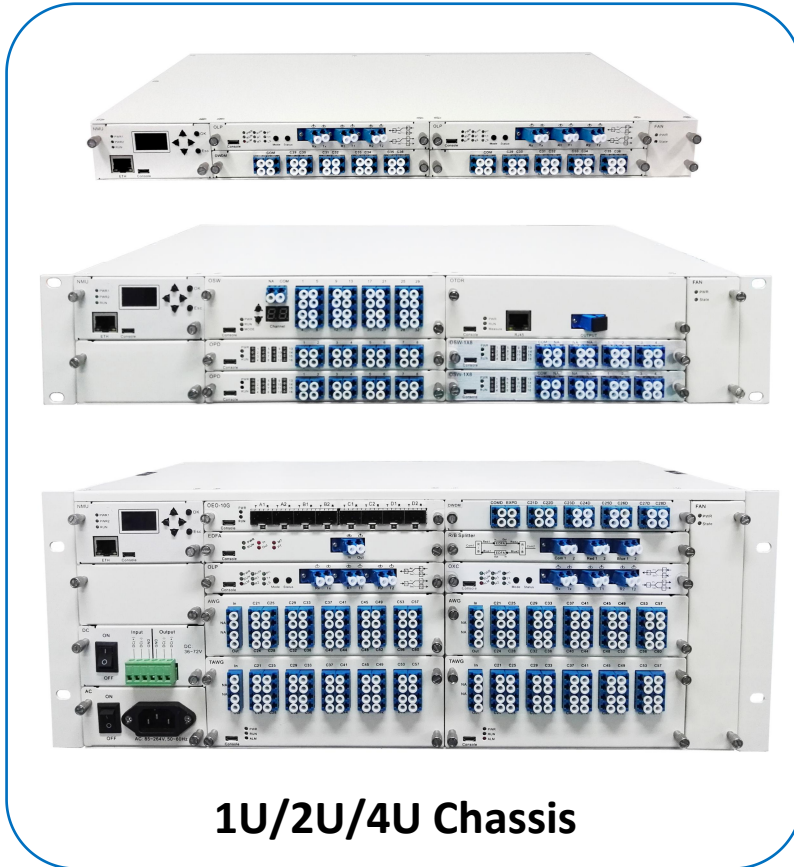


WDM Rack Mounted

- 1U rack mounted package
- WDM system and CATV
- Metropolitan Area Network

[Learn More](#)

Integrated Platform OTS3000



EDFA



OLP



OTDR

- Modularized design for plug-in card.
- GUI user interface management.
- Pluggable 1+1 redundant power.
- Configuration, performance, alarm and safety management.
- Support SNMP, WEB, TELNET network protocol.
- Convenient LCD panel operation, easy for engineering installation.

Applied in Optical Transmission, Protection and Monitoring.

[Learn More](#)