

## Components solutions from our partners



### Delay Lines

Delay Lines(C,L band, to 1200ps)

Delay Lines(840nm, 1060nm, to 560ps)

Delay Line Interferometer(C band, to 12000ps)

Delay Line, Variable(800, 1064, 1300nm, to 12000ps)

### Detectors and Receivers

Single Ended High Speed Photodetector(to 100GHz)

Balanced Photodetector(to 100GHz)

Balanced Photodetector(DC-200MHz)

Balanced Photodetector, Polarization Diverse

Photodetector(1280nm-1620nm)

Coherent Receiver

ROSA(1310nm, 4.25G)

PIN ROSA, 1310nm Analog Receiver

Mach-Zehnder Interferometer

### Driver Amplifiers

Analog Driver(up to 40GHz)

Digital Driver, RZ, NRZ(up to 44Gb/s)

Digital Driver, DPSK(up to 28Gb/s)

Digital Driver, DQPSK(up to 2x28Gb/s)

Pulse Driver(up to 18GHz)

RF Driver(20-450MHz)

### High Rel Components

Fused Fiber Coupler(915-1600nm)

Polarization Beam Combiner/Splitter

WDM(980/1550, 1480/1550)

PM Coupler

Optical Amplifiers

### Lasers

DFB Lasers(C, L and O band)

DFB Lasers(633-1083nm)

Pump Lasers(808 and 980nm)

Tapered Amplifiers(650-980nm)

Broad Area Laser(653-1064nm)

Ridge Waveguide Laser(790-1120nm)

Laser Gain Chips(660-1060nm)

Fiber Laser(532 to 1550nm, up to 10W)

FP Laser Diodes

TOSA, 10G, 1310nm

Tunable Laser, C band, 50GHz spacing

Narrow Linewidth Laser,5kHz, C band

### Modulators

Modulator,Acusto-Optical, Free Space(40-200MHz)

Modulator,Acusto-Optical, Fiber Coupled(450-2000nm)

Modulator, Amplitude, LiNb(780-2200nm)

Modulator, Phase, LiNb(780-2200nm)

### MUX/DEMUX

DWDM Mux/Demux(U, S, O, C & L band)

### Optical Amplifiers

Optical Amplifiers(S,C,L bands)

Optical Amplifier(O band)

Optical Amplifiers(1000nm)

Optical Amplifiers(2000nm)

Turn for more solutions...

Hi Rel Optical Amplifiers(C band)	Plate and Cube Beamsplitters
<b>Optical Attenuators</b>	Waveplates
Optical Attenuators	Ring Laser Gyroscope Components
<b>Optical Sources</b>	<b>RF over Fiber</b>
Optical Transceivers(10-400G)	Microwave Photorecievers(to 30GHz)
Broadband Sources	Directly Modulated Microwave Link(to 30GHz)
<b>Optical Switches</b>	Externally Modulated Microwave Link(26GHz)
Optical Switch, MEMS	Millimeter Wave Microwave Link(50GHz)
Optical Switch, LiNb Q Switch(1064nm)	BiDirectional Link(4GHz)
Polarization Switch	<b>Space Qualified</b>
Wavelength Selective Switch(C or L band)	DFB Laser, 633 to 1083nm, C band)
<b>Passives</b>	Optical Amplifiers, C band
Isolator	Phase Modulators
Circulators	<b>Tunable Components</b>
Couplers	Tunable Filter, Fiber(C, L band)
Faraday Mirrors	Tunable Filter, Acusto-Optical(350-4500nm)
Polarization Beam Combiner/Splitter	Tunable Mux/Demux(C&L band)
Pump Combiner	<b>Others</b>
Polarizer	Dispersion Compensators
<b>Polarization Control</b>	Optical Deflectors
Polarization Controller	Frequency Shifters, Acusto-Optical
Polarization Scrambler, Single Mode	Mode Locker, Acusto-Optical
Polarization Scrambler, Multi Mode	Q-Switch, Acusto-Optical
Polarimeter	Crystal and Non-linear Optics(200-1650nm)
Polarization Tracker	Pockels Cells
Polarization State Generator	Pockels Cell Drivers
Depolarizer	MEMS Micro Mirrors
Optical Phase Shifter	90 degree hybrid(C/L band)
Fixed Differential Group Delay(DGD)	Optical Cables, Active
Coupler, Polarization Maintaining	Optical Fiber Stretcher
Polarization Diversity Detector	Calibration Artifacts, DGD
<b>Precision Optics</b>	Calibration Artifacts, PDL
Precision Prisms	Calibration Artifacts, SOP
Corner Cubes	Optical Frequency Encoder
Precision Lenses	OCT Components
Precision Mirrors	