



• 550 M Ritchie Hwy #199 • Severna Park, MD 21146 • Fax: (240) 766-0572 •

Analog Fiber Optic Links

- LP Linear Photonics** (www.linphotonics.com)
- Analog fiber optic transmitters and receivers to 50 GHz, >100 dB dynamic range
 - Antenna Remoting Solutions with ruggedized outdoor units
 - Delay lines, WDM systems, linear communications links, remote sensing
 - Time over Fiber interfaculty link systems: IRIG, 1PPS, CW/Sine standards, GPS

Optical Components

- aXenic** (www.axenic.co.uk)
- GaAs Modulators – ideal for aerospace and satellite applications
 - Broadband and IQ Modulators up to 45GHz

- TOPTICA eagleyard** (www.eagleyard.com)
- Ridge Waveguide Lasers 10mw-300mw for: *spectroscopy, bio-analytics, life science and up-conversion fiber lasers*
 - Broad Area Lasers 1W-7W for: *solid state pumping, material processing and medical and research applications*
 - Tapered, DFB and DBR Lasers from 630nm-1120nm

- II-VI formerly: FINISAR** (www.ii-vi.com)
- 100GHz packaged photodiodes (Photodetectors)
 - Combined with integrated TIA (Photoreceivers)
 - Coverage both optical windows: 1310 nm and 1550 nm

- General Photonics Corporation** (www.generalphotonics.com)
- Polarizers, polarization diversity detectors, depolarizers
 - Fixed differential group delay, Faraday rotating mirrors
 - automatic PMD compensator module

- G&H** (www.goochandhousego.com)
- Fiber-QTM Modulators and Drivers
 - DFB Lasers and Modules
 - Fiber Coupled Pump Laser
 - Fused Fiber Optic Components

- iXblue** (www.ixblue.com)
- LiNbO3 Modulators: Phase, Intensity and Polarization Switches and Scramblers up to 40GHz
 - Wide wavelength selection – 780nm - 2µm
 - Modulator Drivers and Bias Controllers
 - Reference/Analog Optical Transmitters
 - Sub-nanosecond Optical Pulse Shapers

- kylia** (www.kylia.com)
- Delay Lines Interferometers
 - 90° optical hybrids, Variable Optical Delay Line
 - DWDM and Modal Mux/Demux
 - Optical Switches. Custom optical assembly

- monocrom** (www.monocrom.com)
- Laser Diode Modules
 - Laser Bar Assemblies
 - Diode Pumped Solid State Lasers
 - Laser Electronics

- nicslab** (www.nicslab.com)
- Smart Power for optical components
 - Multi-channel Voltage/Current sources
 - Channel Counts from 8 to 120 channels

- NUPHOTON TECHNOLOGIES** (www.nuphoton.com)
- Fiber Lasers – CW and Pulsed: Green, 1064nm, 1550nm and 2000nm
 - Amplifiers – CW and Pulsed: 1064nm, C&L Band (SM, PM), 2000nm
 - Broadband Sources – 1064nm, ASE, Raman, 2000nm

- optoscribe** (www.optoscribe.com)
- FCX – Fiber coupled Interconnect
 - 3D Optofan Series
 - 3D MMux Photonic Lantern

- sercalo microtechnology ltd** (www.sercalo.com)
- Optical MEMS switches and VOAs
 - Switches: SM, MM, 1xN and MxN
 - S2-D Galvanometers
 - Rackmount, benchtop and component

Optical Test and Measurement






- ARAGON PHOTONICS** (www.aragonphotonics.com)
- High Res OSAs – 10MHz Resolution and 80 dB Dynamic Range
 - C- and C+L Band
 - Phase and Amplitude for Complex Modulation Analysis
 - PDL, PMD analysis from your OSA



(www.bristol-inst.com)






- Wavelength Meters – fastest on the market
- Operation available from 350 nm to 12.0 um
- Laser Spectrum Analyzers

II-VI formerly: **FINISAR**  (www.ii-vi.com)

- WaveShaper Family (1ch – 16ch, S/C/L/XL band) 
- WaveAnalyzer – high resolution spectrum analyzer 
- WaveShaper 1000/SP 1µm Programmable Single-Polarization Filter 
- Ultraspan high-performance Optical Amplifiers 
- LightSmyth Pulse-Compression Gratings 






(www.generalphotonics.com)

- Polarization Controllers, Scramblers and Analyzers 
- PMD & PDL generators and emulators 
- Polarization control and generator modules 
- OCT modules and components (MDL, PD, Couplers etc.) 
- OFDR-1000 Hi-Resolution Reflectometer 
- OCA – Modular Optical Component Analyzer





(www.idphotonics.com)

- Optical Multi-Format Transmitter & Automatic Mach Zehnder BIAS Control 
- Tunable lasers for C, L, C+L bands with narrow line widths < 100 kHz - standalone and high-density modules from 1 to 104 tunable sources, 1kHz narrow line width tunable 
- Polarization maintaining multiplexer 
- Optical DWDM decorrelator for XPolM and Coherent systems test
- Low Cost Optical Spectrum Analyzer



(www.introspect.ca)

- SerDes Tester and BERT Functions, Pattern Generator Functions - 8 or 32 lanes, up to 28 Gbps, handheld form-factor, USB Controlled, Software-Defined 
- Transport testing according to SATA, USB 3.0, MIPI M-PHY/D-PHY/C-PHY 
- MIPI DSI-2 Protocol Analyzer, MIPI D-PHY & C-PHY Frame Grabbers

LUNA (www.lunainc.com)

- Optical backscatter reflectometer (OBR): -125 dBm sensitivity, up to 10 um resolution, zero deadzone, up to 2 km range
- C&L band optical vector analyzer (OVA): IL, CD, GD PMD, PDL
- Temperature and strain distribution measurements
- Tunable external cavity laser - low noise, highly linear, mode-hop-free from 1515 nm – 1565 nm, pm accuracy, sub-pm resolution



(www.newridgetech.com)

- Lithium Niobate (LiNbO3) based polarization platform to scramble, spin, set, and randomize polarization
- A robust Polarimeter for measuring and recording ultrafast SOP data
- PMD Sources



(www.polatis.com)

- High Density Optical Cross Connect Switches – non-blocking low loss, with optional integrated power meters, variable attenuators and touch screen displays
- Single Mode up to 384x384, Multimode up to 16x16
- Compact latching switch with 32/48 input ports to 16 output ports



(www.shf-communication.com)

- NRZ & PAM Pattern Generators up to 128 GBaud (256 Gbps) per Channel
- Error Analyzers up to 128 Gbps NRZ and 58 GBaud PAM4
- Arbitrary Waveform Generators up to 60 GSa/s
- Multiplexers (MUX) & Demultiplexers (DEMUX) up to 128 Gbps
- Digital-to-Analog Converters (DAC) up to 128 GBaud (256 Gbps)




(www.teraxion.com)

- Tunable chromatic dispersion emulator, compensator
- Chromatic Dispersion Emulator (up to 45,000 ps/nm)
- Narrow line width tunable laser (<1 kHz)



formerly:  **JDSU**

(www.viavisolutions.com)

- Optical/Protocol Transport Test (800G)
- CFP/CFP2/CFP4/QSFP+/QSFP28
- Optical Switching, Mfg. Lab Test
- Optical Field Test, Fiber inspection and test 





(www.xenanetworks.com)

- Affordable Layer 2-7 Testing to 400G
- Applications: QoS, Benchmark Tests, Functional Test, Convergence, Service Validation, Security Testing, Open Flow







Discounted Test Equipment with Premium Support

(www.xsoptix.com)

- A Small Woman Owned Business Offering Distribution, Import and Reselling services 
- Distributor for Finisar, ID Photonics, Aragon, Teraxion, eagleyard, monocrom, Sercalo, Kylia, Introspect, Pico, Optoscribe, Acacia, Axenix, Niclabs Muquans, and G&H 



(www.yokogawa.com/tm)

- Optical spectrum analyzers / 350nm-5.5 um 
- Wavelength meter 
- Multi Application Test System (MATS) – Grid Tunable 
- LD, Optical Switches, VOA, Optical Sensor 
- OTDR, OTLS