

CENTRAL US REGION LINE CARD

TeraComm

Test/Measurement and Component Solutions

OPTICAL/COMMS TEST & MEASUREMENT



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



- 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)



- High resolution optical spectrum analyzer 10 MHz & dynamic range > 80 dB, C, C+L, L Band
- Option 230 – Measure spectrally-resolved state of polarization
- BOSA Lite with 20 MHz & > 80 dB dynamic



- Smart Power for optical components
- Multi-channel Voltage/Current sources
- Channel Counts from 8 to 120 channels



- Laser diode controllers
- Highly accurate laser diode drivers
- Temperature controllers



- Optical Multi-Format Transmitter & Automatic Mach Zehnder BIAS Control
- Tunable lasers for C, L, C+L bands with narrow line widths
- Polarization maintaining multiplexer
- Optical DWDM decorrelator for XPolM and Coherent systems testing
- Low Cost Optical Spectrum Analyzer



- Innovative & Cost Effective Fiberoptic Test Solutions
- High Speed PER Meter
- PER Measurement for Bare PM Fiber
- Linear Polarization Maximizer/Generator
- Optical Signal Processing Platform



- WaveShaper Family (1ch - 16ch, S/C/L band)
- WaveAnalyzer – high resolution spectrum analyzer
- WaveShaper 1000/SP 1μm Programmable Single-Polarization Filter



- SerDes Tester and BERT Functions, Pattern Generator Functions - 8 or 32 lanes, up to 32 Gbps NRZ & 56Gbps PAM4, handheld form-factor, USB Controlled, Software-Defined
- Test Solutions for: DDR4/DDR5 Memory Interfaces, PCIe, MIPI, Display Port and I3C
- MIPI DSI and DSI-2 Protocol Analyzer
- MIPI D-PHY and C-PHY Frame Grabbers



- 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

TeraComm

Provider of state of the art component, test and custom solutions.

CORPORATE OFFICE

TeraComm, LLC
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REGIONAL SALES

New England
Upstate NY
Tri-State (NY, NJ, PA)
Mid Atlantic
Southeast
Central US
West Coast

CENTRAL US REGION CONTACT

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Test/Measurement and Component Solutions

COMPONENTS

 arroyo instruments

- Laser mounts



TeraXion

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



- Non-Linear optics- LBO, KTP, KTA, RTP Crystals
- Electro-optics - RTP:Pockels Cells, Pairs, Modulator



COHERENT

- 40-100GHz Photodetectors and Receivers, Single Ended and Balanced
- Integrated Balanced Receivers, DPSK, DQPSK, Coherent Solutions
- Optical Transceivers
- Optical Amplifiers
- Wavelength Management Components
- ROADMs
- WSS Elements



 TOPTICA
EAGLEYARD

- High-power laser diodes
- Wavelengths range 630 nm to 1120 nm
- Broad Area Laser, Tapered Laser, Ridge Waveguide
- Laser/Fabry Perot Laser, DFB/DBR Laser



aXenic

- GaAs Modulators – ideal for aerospace and satellite applications
- Broadband and IQ Modulators up to 45GHz



LUNA

- Highly Linear and Low Noise Tunable Laser
 - Fiber Fabry-Perot Tunable Filters
- General Photonics Products:
- Polarization Control, Scramble and Tracker Modules
 - Polarization Switch and State Generator modules
 - OCT modules and components (MDL, PD, Couplers etc.)
 - Fiber Coils for FOG applications

Rio Products:

- Ultra-narrow linewidth laser diodes & modules
- 1550nm & 1064nm, up to 2W power, PM/SM fiber
- CW & FM modulation (up to 200 MHz)
- Low noise, high stability, highest reliability


microtechnology ltd

- Optical MEMS switches and VOAs
- Switches: SM, MM, 1xN and MxN
- 2-D Galvanometers





- Fiber-Q™ Modulators and Drivers
- DFB Lasers and Modules
- Fiber Coupled Pump Laser
- Fused Fiber Optic Components





- LiNbO₃ Modulators: Phase, Intensity and Polarization
- Switches and Scramblers up to 40GHz, 780nm - 2μm
- Modulator Drivers and Bias Controllers
- Reference/Analog Optical Transmitters
- Sub-nanosecond Optical Pulse Shapers



Kylia Products:

- Delay Lines Interferometers
- 90° optical hybrids, Variable Optical Delay Line
- DWDM and Modal Mux/Demux
- Optical Switches. Custom optical assembly



- Fiberoptic cables, pigtailed and terminations, (SM, MM, PM)
- Harsh Environments/Space and Military grade
- Vacuum Feedthrough and Low Outgassing Cables/Assemblies
- Custom Assemblies and Services (Polishing, connectorization, Splicing and Analysis)



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