

Nano-Second Speed PLZT Photonics

The fastest and the most efficient integrated photonics available in today's industry

PLZT Technology

Electro-Optic PLZT Waveguide

- Integrated compact MZ optical switches on a efficient electro-optic PLZT waveguide chip.



PLZT Modules and Driver Boards

1x1, 1x2, 1x4, 1x8, 1x16 Switches

- Switching time: 10ns, Polarization independent
- Low IL, Crosstalk ~ 30 dB
- 10V direct drive or TTL control driver
- Tree structure 1xN switches



2x2, 4x4, 8x8 Switches

- Switching time: 10ns~20 ns, Polarization independent
- Low IL, Crosstalk ~ 30 dB
- 10V direct drive or TTL control driver
- Strictly non-blocking NxN switches
- 2x2 & 4x4: Monolithically integrated, 8x8: 1x8 cascaded



VOA Array

- Response: 20 ns, Polarization independent
- Low IL, Dynamic range > 15 dB
- Single to 8CH-arrayed



PLZT Systems

Optical Switching Systems

- Rack mounted optical switching system equipped with FPGA for PC control without a multi-channel pulse generator.

