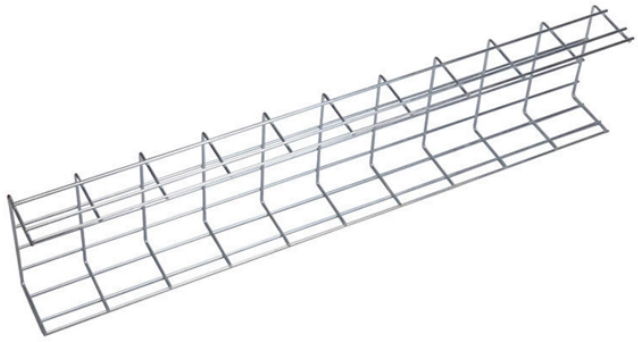
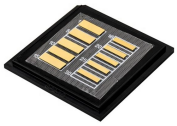
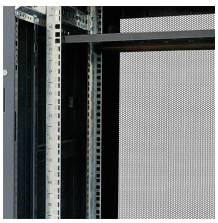
Dual-route electro-optical to optical switch



Dual-route electro-optical to optical switch

	This innovative series of electo-optic switches (Pockels Cells) ofers the benefits of fast rise time pulsing, which translates to sharper, cleaner features and minimized heat-afected zones, especially in ...
	In this paper, we design and experimentally demonstrate a high-speed dual-mode 4 × 4 optical switch based on a mode-diversity scheme, composed of four pairs of mode multiplexers and de ...
	It details various types of switches, including fast electro-optic and acousto-optic devices, compact MEMS and thermo-optic switches on photonic integrated circuits, and ultrafast all-optical switches.
	In this paper, we design and experimentally demonstrate a topology-optimized silicon-based dual-mode 4 × 4 electro-optic (EO) switch.
	In this paper, we propose a 1 × 2 reconfigurable optical switch with heterogeneous integration on silicon substrate, which consists of a silicon strip waveguide and a GSST-Bragg (Ge 2 Sb 2 Se 4 Te 1) ...

Optical switch solutions, built on industry-leading fourth-generation VIAVI technology, come in multiple formats, including matrix switches, 1XN and 2XN for up to 176 ports. VIAVI also offers a range of ...

The optical switch consists of identical, cascaded, dual-output MZI structures, each of which includes a Y-branch waveguide, two parallel interference arms (electrode action area), and a 3 dB directional ...

Mode-division multiplexing (MDM) technology is promising for enhancing the capacity of communication networks. In this Letter, we demonstrate a dual-mode 2 × 2 electro-optical switch on a silicon-on ...

In this paper, a multi-directional controllable electro-optical switch combining a traveling-wave electrodes with micro-structures with grating couplers is designed.

In this paper, silicon-integrated optical switches are classified according to the underlying structure and recent research is reviewed. Recent studies on silicon-integrated optical switches ...

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