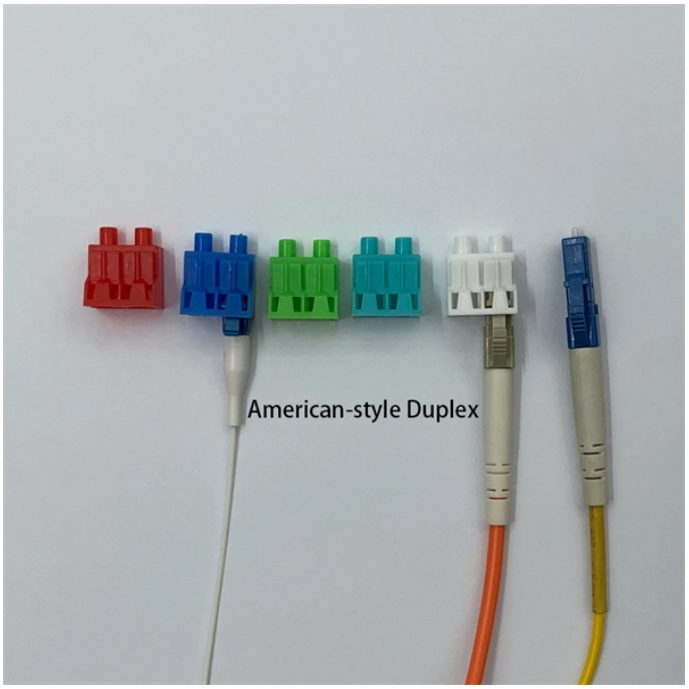
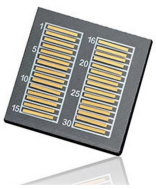
Moroccan FOB Air-Cooled Switch PAM4

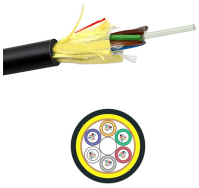


Moroccan FOB Air-Cooled Switch PAM4

	The MACOM PRISM™ MATP-10025 device is a 100 Gbps PAM-4 PHY with integrated DSP and multiplexing functionality designed to enable single-wavelength 100 Gbps optical transceiver solutions.
	With a converter cable, it is possible to convert NRZ links to PAM4 and vice versa. The products include: PAM4 to 4x100G QSFP NRZ. The 400G cable breaks out from 1 x 400G (8x56G ...
	The 15 mA operating current is constant across the operating range. The input voltages are polarity-sensitive and diode-protected. The relay module is supplied with a piece of double-sided ...
	The MAOM-005324 is a high performance single channel linear differential Mach-Zender modulator driver for 400G applications using 53 Gbaud PAM4 modulation.
	8 × 56 Gb/s PAM-4 Pass-Through mode PHY. It supports both the PAM-4 and NRZ data formats. It supports Retimer, Forward, and Reverse Gearbox modes. It also supports 1G, 10G, 25G, 40G, 50G, ...

Air -cooled switch cages are cooled by an array of fans in the back but few front panel holes for cooling air. Twin-port transceivers run hot at 17 Watts and 15 Watts.

PAM4 Ethernet Applications. It is a high performance module for short-range data communication and interconnect applications which operate at 106.25Gbps up to 30km over Single-Mode Fiber (SMF). ...



Although 400Gb/s is the speed rating, these switches use connector cages that house two 400Gb/s ports in a single cage called 2x400G twin-port OSFP and are used exclusively in these air-cooled ...

Twin-port devices used in air-cooled switches have additional cooling fins on top of the connector as the transceivers dissipate 15-17 Watts each, and there are very few air-cooling holes in ...

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