

Benefits of lc optical modules

Overview

A liquid-cooled optical module helps move data fast and stay cool. It has a design that lets liquid flow inside or around it. These modules work best where normal cooling does not help, like big data centers or powerful computers. As data centers scale to 40G, 100G, and beyond, the choice of optical interface becomes just as important as the switch port speed. Good heat control gives you steady performance and helps keep electronics. Among various optical fiber connectors, LC (Lucent Connector) fiber connectors have emerged as a dominant standard, particularly in data centers, enterprise LANs, and high-density cabling systems. It comes with the name because the LC connector was first developed by Lucent Technologies (Alcatel-Lucent for now) for telecommunication applications.



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