

Is the technology of optical modules advanced



Overview

This article takes a deep dive into the world of optical modules, exploring their evolution from 400G to the mind-boggling 3.2T, and unpacking the cutting-edge technologies shaping their future. As AI models grow more complex and datasets balloon in size, traditional copper-based interconnects are. Optical modules, as the “couriers” that transmit data between devices in the network, bear the heavy responsibility of sending and receiving massive data for the “computing power highway,” making their importance increasingly prominent. This article will systematically introduce the definition. In the rapidly evolving field of optical communication, new challenges and demands are constantly emerging, spurring the development of advanced optical module technologies.



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