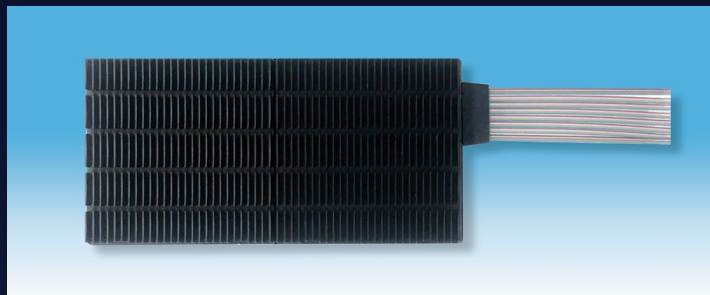


Advanced PLC Components

NTT Innovative Devices is a pioneer of Planar Lightwave Circuit (PLC) devices widely used in communications as well as in the growing markets of data centers and mobile networks. Its advanced ultra-high-index PLC technology can realize high-functionality with compactness for large-scale optical switches and small form-factor optical submodules.

Multi band Multicast Switch

High baud rate signal that occupies wider bandwidth reduces available number of channels. Continuous entire SCL-band Multicast Switch operation is effective to solve this capacity issue for CDC-ROADM network.



MUX/DEMUX Filter

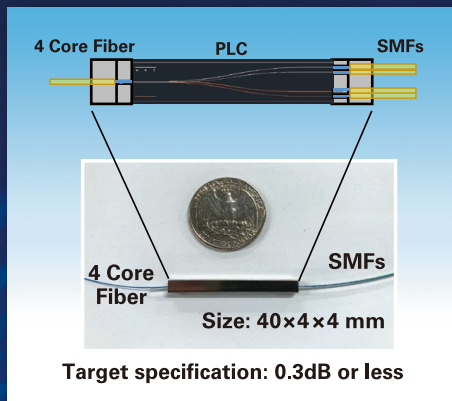
It is very important to minimize the PLC chip size for MUX/DEMUX filter in the transceivers for datacenter applications. Ultra-high-index is a promising solution for the miniaturization of PLC chip.



Zero power dissipation is achieved by eliminating temperature control device.

PLC type FIFOs (Fan in/Fan out)

PLC type FIFOs are fabricated with the same well-established technologies as optical power splitters deployed in FTTH systems. They feature compact size, low insertion loss, and high mass producibility as they consist of double layer waveguide structures.



Zero power dissipation is achieved by eliminating temperature control device.

- Our company may change specifications and the appearance for improvement that are incidental to the product without providing prior notice. At the purchase and the use of the product, please confirm the latest information.
- Please use our products in accordance with the instructions provided in the manual, user's guide or specifications attached.
- Exporting our products or technologies may be subject to the Foreign Exchange and Foreign Trade Law of Japan and export control acts and regulations of other related countries.

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