Apollo ADM800

Versatile 800G Switchponder



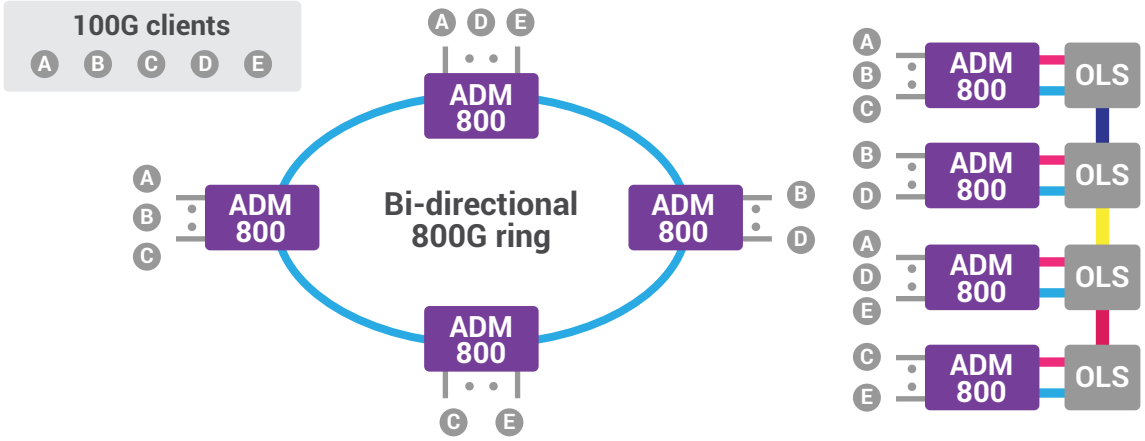
ADM800 integrates the flexibility of OTN switching with the compact design and energy efficiency of a line card, for use in any Apollo 9600 platform. Its operational benefits are:



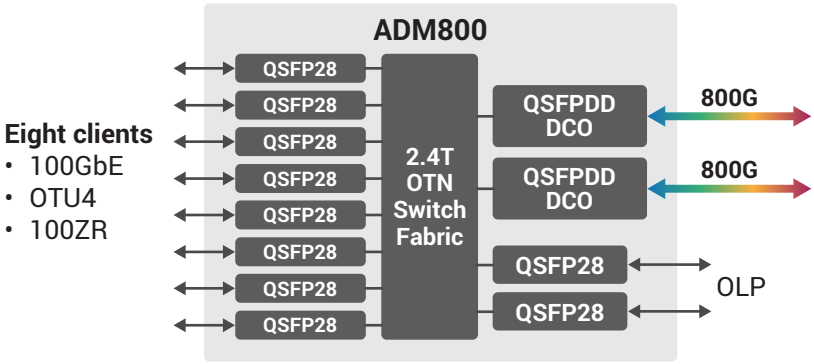
- Rapid delivery of bandwidth services using point-and-click mapping of client interfaces to pre-provisioned wavelengths.
- Reducing the need to add costly new wavelengths by ensuring maximum wavelength fill.
- Ensuring high availability using non-blocking protection schemes.

ADM800 maps 100GbE, OTU4, and 100ZR clients under software control onto two low power consumption 800G ZR+ wavelengths through a 2.4T OTN XC fabric. It can be deployed in various topologies and protection schemes.

Point-and-Click	Rapid Delivery	Lower TCO	High Availability
mapping of clients to wavelengths	of bandwidth services	with maximum wavelength fill	non-blocking 1+1 protection



ADM800 in single wavelength ring and multi-wavelength linear topologies



Technical Specifications

Versatile 800G Switchponder	
Apollo platforms	• 9603, 9608/D, 9624
Platform slots	• Dual
Applications	• Add/drop ring • Muxponder
Switching capacity	• 2.4T OTN switching (ODU4 cross-connect)
Line interfaces	• 2 x QSFPDD-DCO at 800G/600G/400G • OpenROADM MSA transmission compliant • Flexible grid with 12.5GHz granularity
Client interfaces	• 8 x QSFP28 for 100GbE, OTU4, and 100ZR
OLP ports	• 2 x QSFP28 for OLP
Protection	• Y-Protection, OCH1+1, OLP
Management	• GCC in-band management
Power	• 480W fully populated

Specifications subject to change without notice

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