Apollo ADM400

Versatile 400G Switchponder



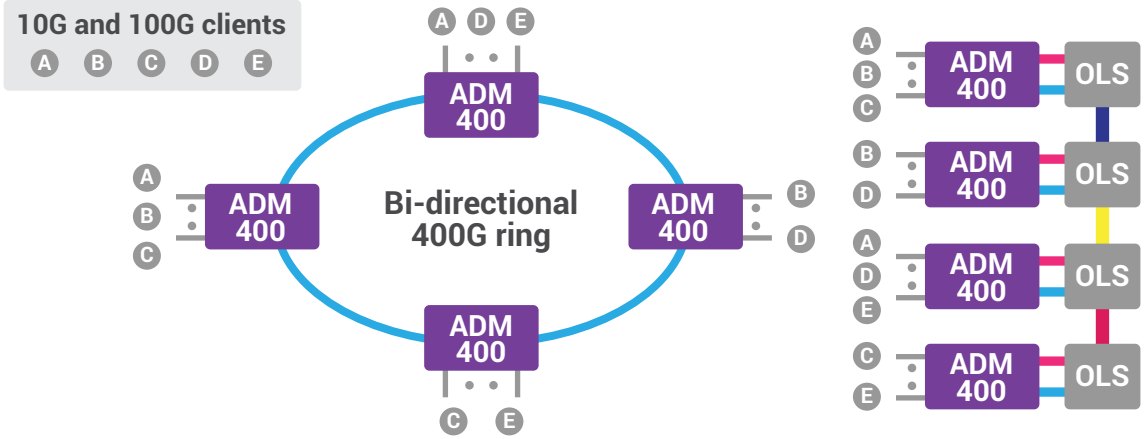
ADM400 integrates the flexibility of OTN switching with the compact design and energy efficiency of a line card, for use in any Apollo 9600 platform. Its operational benefits are:



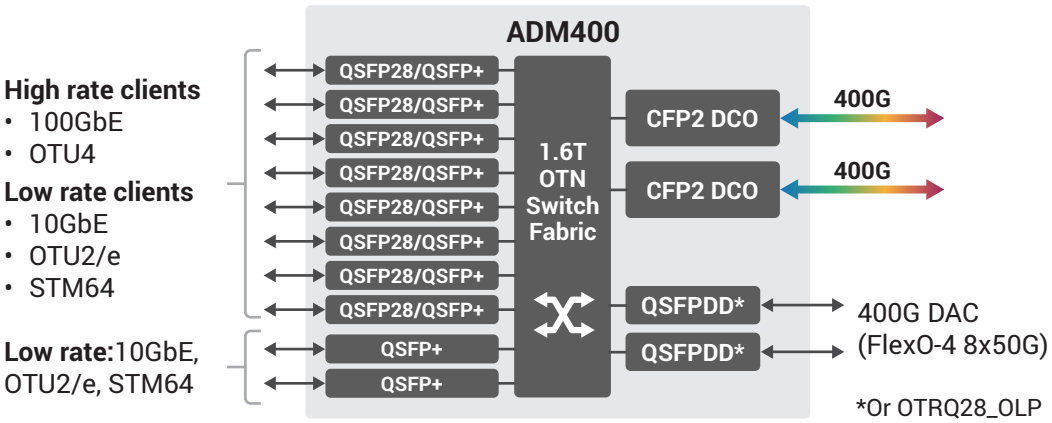
- Rapid delivery of bandwidth services using point-and-click mapping of client interfaces to pre-provisioned wavelengths.
- Reducing the need to add costly new wavelengths by ensuring maximum wavelength fill.
- Ensuring high availability using non-blocking protection schemes.

ADM400 supports both low speed 10G and high speed 100G clients, and maps these under software control onto two 400G ZR+ wavelengths through a 1.6T OTN XC fabric. It can be deployed in various topologies and supports redundant dual-card configurations.

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



ADM400 in single wavelength ring and multi-wavelength linear topologies



Technical Specifications

Versatile 400G Switchponder	
Apollo platforms	• 9603, 9608/D, 9624
Platform slots	• Dual
Applications	• Add/drop ring • Dual muxponder • Redundant dual card configurations using DAC ports
Switching capacity	• 1.6T OTN switching (ODU2/2e/4 cross-connect)
Line interfaces	• 2 x CFP2-DCO • 400G/300G/200G with adaptive modulation for 16QAM/8QAM/QPSK • OpenROADM MSA transmission compliant • Flexible grid with 12.5GHz granularity, fixed grid 50GHz and 100GHz
Client interfaces	• Eight ports QSFP28 for 100GbE/OTU4, or QSFP+ for 10GbE/OTU2/OTU2e/STM64 • Two ports QSFP+ for 10GbE/OTU2/OTU2e/STM64
Extension ports	• 2 x QSFP-DD 400G DAC or OTRQ28_OLP
Protection	• Y-Protection, OCH1+1, OLP
Management	• GCC in-band management
Power	• 260W fully populated

Specifications subject to change without notice

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