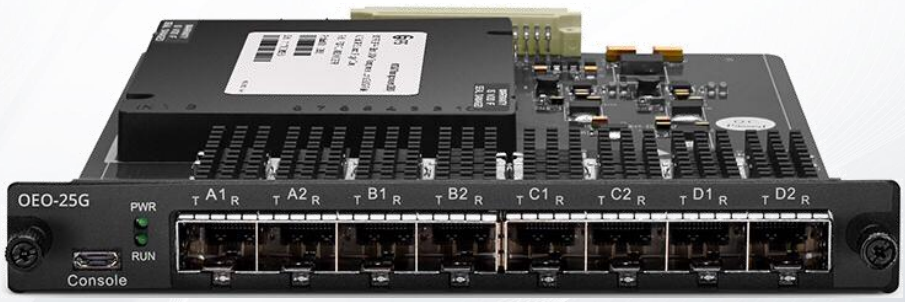
25G WDM Converter (Transponder) Typical Optical Transport Network Solution



Background

High capacity data transport between data centers is a vital need in enterprises to support the growing demands for data transmission at any time and from any place. One of our customers needs to cost-effectively build high capacity DWDM system for a long haul transmission.

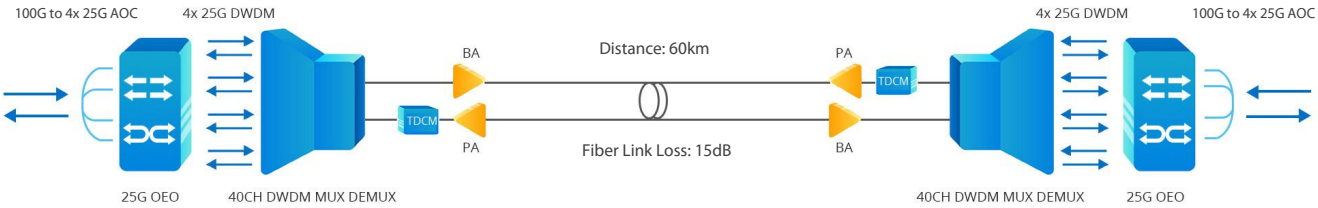
Challenge

- How to achieve 100G transmission without using 100G Muxponder/Transponder
- How to achieve a relatively longer data transmission with a limited cost

Customer Requirements

- Networking Modes: Point-to point
- Transmission Distance: 60km
- Transmission Capacity: 1x 100G
- Fiber Link Loss: 15dB (0.25dB/km)
- Fiber Type: G.652D

Solution



Note: 100G to 4x 25G DAC (Direct Attach Copper) can not be used with 25G WDM Converter (Transponder) at present.

Product List

ID	Description	Qty
35887	40 Channels C21-C60, with 1310nm Port and Monitor Port, LC/UPC, Dual Fiber DWDM Mux Demux, FMU 1U Rack Mount	2
92056	4 Channels Multi-Rate 25G WDM Converter (Transponder), 8 SFP28/SFP+ Slots, Up to 28.1G Rate, Pluggable Module for FMT Multi-Service Transport Platform	2
70449	100G QSFP28 to 4x25G SFP28 Breakout Active Optical Cable	2
70413	2U Managed Chassis Unloaded	2
87004	25G DWDM SFP28 C17-C61 100GHz 10km DOM Transceiver Module	8
72427	-40~+40km C-band Tunable Dispersion Compensation Module (TDCM)	2
36524	26dB Gain Pre-Amplifier DWDM EDFA C-band 16dBm Output, LC/UPC, Pluggable Module for FMT Multi-Service Transport Platform	2
72283	17dBm Output Booster DWDM EDFA C-band 17dB Gain, LC/UPC, Pluggable Module for FMT Multi-Service Transport Platform	2

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