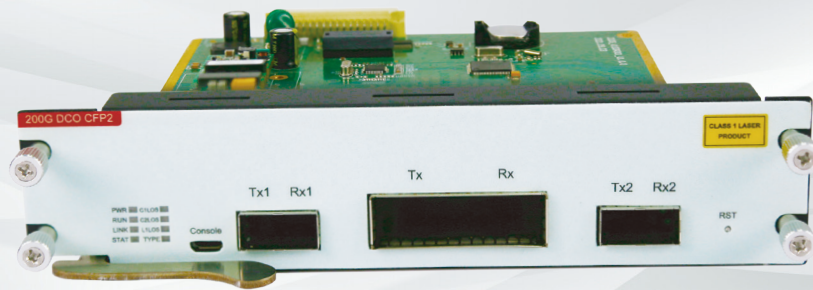


CDTrans-COTU

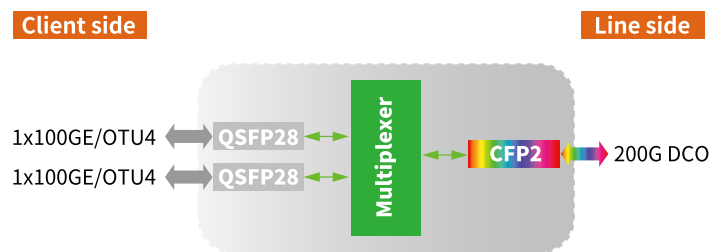
COTU200G-M1H2-DCO muxponder card adopts advanced technologies such as coherent technology, QPSK, DP-8QAM or DP-16QAM high-order modulation, coherent DSP and photon integration, which can realize 800-2000 km transmission, and supports C-band 96-wave (50GHz) tunability.

COTU200G-M1H2-DCO realizes the multiplexing of two 100G service signals into one 200G line signal, and converts the line signal into coherent optical of one standard DWDM wavelength, to access the DWDM combiner and splitter for wavelength division multiplexing transmission. It is the best solution for the shortage of optical fiber resources, excessive loss of optical fiber lines, long-haul and super-capacity transmission.



Product Highlights

- Support DWDM wavelength conversion, and the wavelength is tunable.
- A single board supports two 100G bidirectional service access.
- The line side adopt 200G CFP2 coherent optical module.
- The client side supports multiple services interfaces: 100G Base-SR4/LR4/ER4/CWDM4/PSM4/OTU4.4.
- Support Web, CLI.
- Support manual shutdown laser.
- Support 3R function to improve signal quality and transmission performance.
- Support DDM signal monitoring and ALS.



☰ Product Description

Items	Description
Model	COTU200G-M1H2-DCO
Port	Client side, 2*QSFP28, hot pluggable Line side, 1 CFP2, hot pluggable
Line mode	1 channel 200G line signal uses 1 DWDM wavelength for coherent transmission
Relay mode	Support 200G OEO
Type of service	100GE, OTU4
Modulation mode	DP-QPSK/DP-8QAM/DP-16QAM
FEC	SD-FEC/SCFEC/OFEC
WDM wavelength	Support C-band 48/96 wavelengths
Transmission distance	120-2000km
Slots	2 slots
Network management function	CLI, WEB Optical module Los alarm Support DDM real-time optical port information monitoring Support no light shutdown and loopback functions
Dimension (H*W*D)	45*170*245mm
Working environment	Working temperature: - 10 °C - 60 °C Storage temperature: - 40 °C-80°C Relative humidity: 5% - 95% no condensation
Power consumption	<36W