

2*200G CFP2 Muxponder

DCI BOX



Specification

The 2*200G CFP2 muxponder is a 4*100G service access module designed and for optical fiber links. It can realize the wavelength tunable of CFP2 coherent optical module and can be converted into DWDM standard wavelength optical signal. Interconnection with DWDM multiplexer/demultiplexer to realize wavelength division multiplexing transmission. It provides a high-quality solution for solving transmission lines with insufficient fiber resources and high fiber line loss.

Functions and features

- Supporting DWDM transmission, wavelength conversion.
- The single card supports 4 channels 100G unidirectional or bidirectional service access.
- The line side supports 2 channels 200G CFP2 coherent optical modules access.
- Support multiple client-side service access: 100G Base-SR4/CWDM4/LR4/PSM4.

Parameters

System Parameter	Technical Index
Maximum capacity	4*100G bidirectional transmission 4*100G unidirectional transmission
Wavelength (frequency) range	DWDM: 1529.16nm-1567.14nm(191.3THz-196.05THz)
Modulation	DP-QPSK@100G, DP-16QAM@200G, DP-16QAMps@200G, DP-QPSK@200G.
Service access types	100GE, OTU4.
Dispersion tolerance	±40000ps/nm@100G
OSNR tolerance	<12dB@100G QPSK, <21dB@200G DP-16QAM, <16dB@200G DP-16QAMps, <13.5dB@200G DP-QPSK.
Dimensions (mm)	177(W)*40(H)*225(D)
Working temperature	-10°C ~ 70°C
Storage temperature	-40°C ~ 80°C
Relative humidity	5% ~ 95% no condensation
Safety and EMC	Compliance with FCC, UL, CE, TUV, CSA standards.
Power consumption	<78W