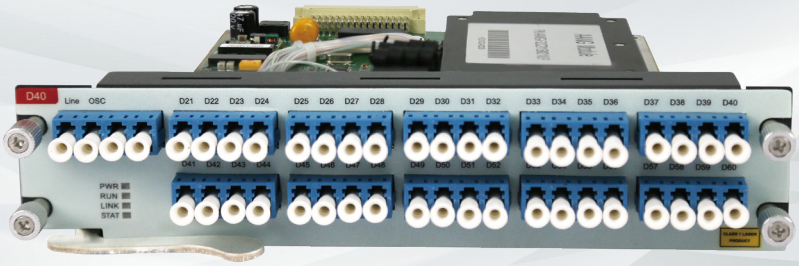
CDTrans-MUX/DEMUX

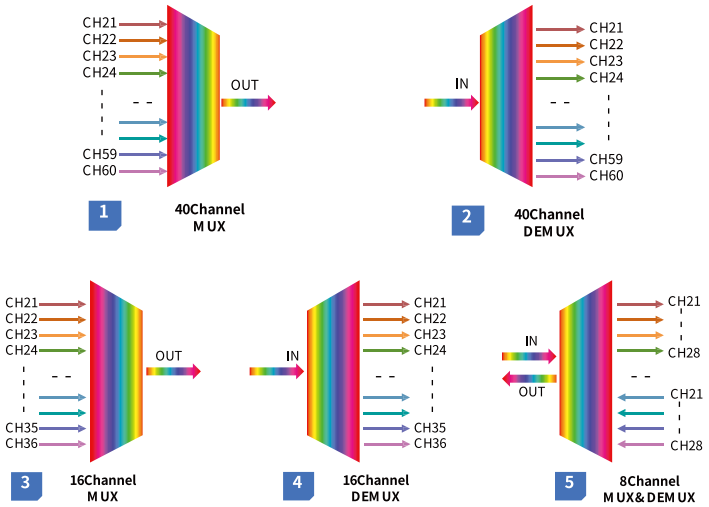
Based on TFF and AAWG technology, MUX/DEMUX making full use of the low-loss band of optical fiber, the channel of CWDM/DWDM can be combined and demultiplexed, which greatly saves the optical fiber resources, and can flexibly change the network configuration according to customers' requirements.

MUX/DEMUX is often used for long-haul transmission. DWDM system with a frequency interval of 100 GHz supports a smooth upgrade to 48 waves, and DWDM system with frequency interval of 50 GHz supports a smooth upgrade to 96 waves, which has a higher spectrum utilization rate and saves frequency band resources. CWDM system supports a smooth upgrade to 18 waves.



Product Highlights

- Supports up to 96 waves and can be customized.
- Support online upgrade and capacity expansion, simple maintenance and convenient operation.
- Support CWDM and DWDM (100GHZ or 50GHZ) .
- Support single fiber unidirectional, single fiber bidirectional, double fiber bidirectional, etc..
- Low insertion loss, high channel isolation, high reliability and stability, meeting GR-1221 standard.
- Supports Web and CLI. Support local and remote control.



Product Description

Items	Description
Wavelength range	CWDM: 1271nm-1611nm DWDM: C-Band（100GHZ/75GHZ/50GHZ）
Channel spacing	CWDM: 20nm DWDM:0.8nm/0.6nm/0.4nm
Channel insertion loss （DWDM）	4CH: <1.5dB, 6CH:<2.0dB, 8CH:<3.2dB, 12CH:<3.8dB, 16CH:<4.2dB 40CH:<6.0dB,48CH:<6.0dB, 80CH:<6.5.0dB, 96CH:<7.5dB
Center wavelength accuracy	±0.05nm
Isolation of adjacent channels	⩾25dB
Non-adjacent channel isolation	⩾30dB
Polarization dependent loss	⩽0.5dB
Maximum input power	>300mw
Return loss	⩾45dB
Polarization mode dispersion	⩽0.10ps
Slot	1 slot (below 16 waves), 2 slots (40-48 waves), 4 slots (80-96 waves)
Network management function	CLI,WEB
Dimension (H*W*D)	170*22*245 mm/45*170*245mm/89*170*245mm
Safety	FCC, UL, CE, TUV, CSA
MTBF	> 100,000 hours