



TYPE: Sepitam-CWDM

Dual Fiber 8CH 1470nm~1610nm CWDM MUX DEMUX With 1310nm and Monitor Port



Description:

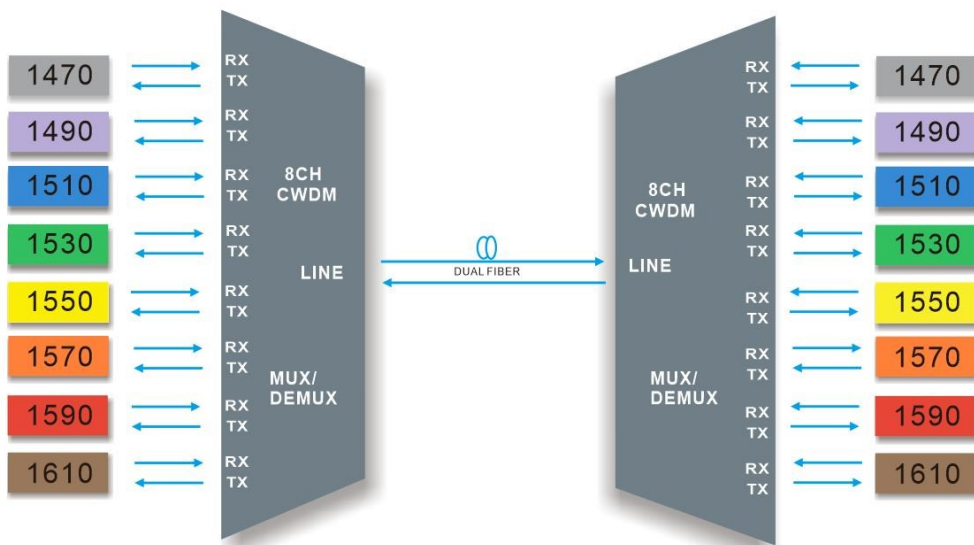
Dual Fiber 8CH 1470nm~1610nm CWDM MUX DEMUX With 1310nm and Monitor Port, LC/UPC, 1U Rack

The 8ch CWDM MUX DEMUX is designed by Sepitam, wavelength from 1470nm to 1610nm and with 1310nm port, and it is passive CWDM device, support 9 channels difference business in two optical fiber for point-to-point transmission.

It works in Broadcast and TV, IDC, finance, government, cloud, massive data and other industries, where the optical fiber resource are rare.

- 1310nm port can support 1G LX/SX, 10G LR, 40G ER4/LR4, 100GLR/ER4/LR4/ZR4; it forexisting legacy traffic.
- Mon port is for network link monitoring or power monitoring, easy troubleshooting without affecting traffic.

Line Link





8 Channels CWDM MUX DEMUX, support 8 channels difference business, such applications as 1G/10G Ethernet, SDH/SONET and 8/4/2/1G, in two optical fiber for point-to-point transmission.

Feature:

- ◆ CWDM MUX DEMUX, Multiplexing up to 8 Channels on Dual Fiber
- ◆ Monitor Port for Troubleshooting, 1310nm Port for Legacy Traffic
- ◆ Passive, Protocol Transparent for Ethernet, FC, OTN, SONET/SDH, etc.
- ◆ Fully Compatible with All ITU-T 1G/10G/25G CWDM Optics
- ◆ Applied to Metro, Regional CWDM Networks

Product Specification:

Wavelength	8 channels 1470-1610nm	Channel Spacing	20nm
Channel Passband	±6.5nm	Technology	TFF (Thin Film Filter)
Insertion Loss	≤ 2.7dB	Link Loss	≤3.0dB
1310nm Port Pass Band Width	1260nm~1360nm	Insertion Loss @ 1310 port	≤0.8dB
Insertion Loss @ 1% Mon	≤ 26dB	Center Wavelength Accuracy	±0.05nm
Return Loss	≥ 45dB	Directivity	≥ 45dB
Polarization Mode Dispersion	≤ 0.1ps	Polarization Dependent Loss	≤ 0.3dB
Channel Isolation	Adjacent ≥30dB Non-adjacent ≥45dB	Temperature	Operating -40 to 85°C Storage -40 to 85°C
Net Weight	1.5KG	Dimensions (HxWxD)	44*440*230mm



Technical Specification of Sepitam-CWDM

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