



**SEPITAM**

ONE STEP SMARTER

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TYPE:

## Sepitam-CWDM8-DX-4761

Sepitam WDM multiplexers, including CWDM and DWDM, support various transmission rates and long-distance coverage while utilizing standard wavelengths. They enable the high-speed transmission of multiple services with optimized fiber utilization. Integration with OTN networks and the deployment of various modules such as EDFA, DCM, OTU, and etc. enhance the efficiency and performance of fiber optic networks, ensuring the quality and speed required by customers.



▶ TYPE: SEPITAM-CWDM8-DX-4761

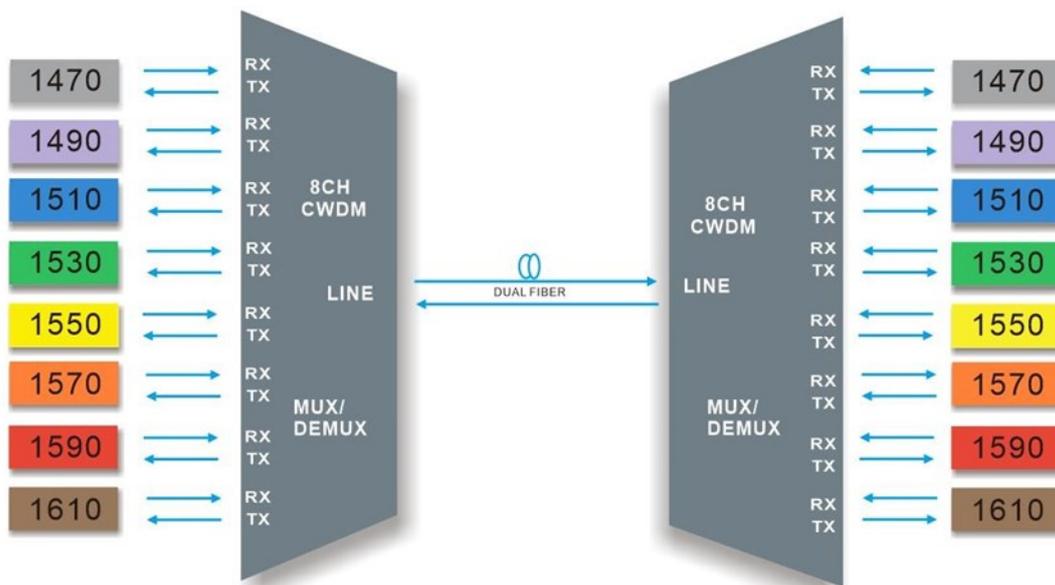
## ▶ Description:

The 8ch CWDM MUX DEMUX is designed by Sepitam, wavelength from 1470nm to 1610nm, and it is passive CWDM device, support 9channels 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.

Mon port is for network link monitoring or power monitoring, easy troubleshooting without affecting traffic.

## ▶ Line Link:



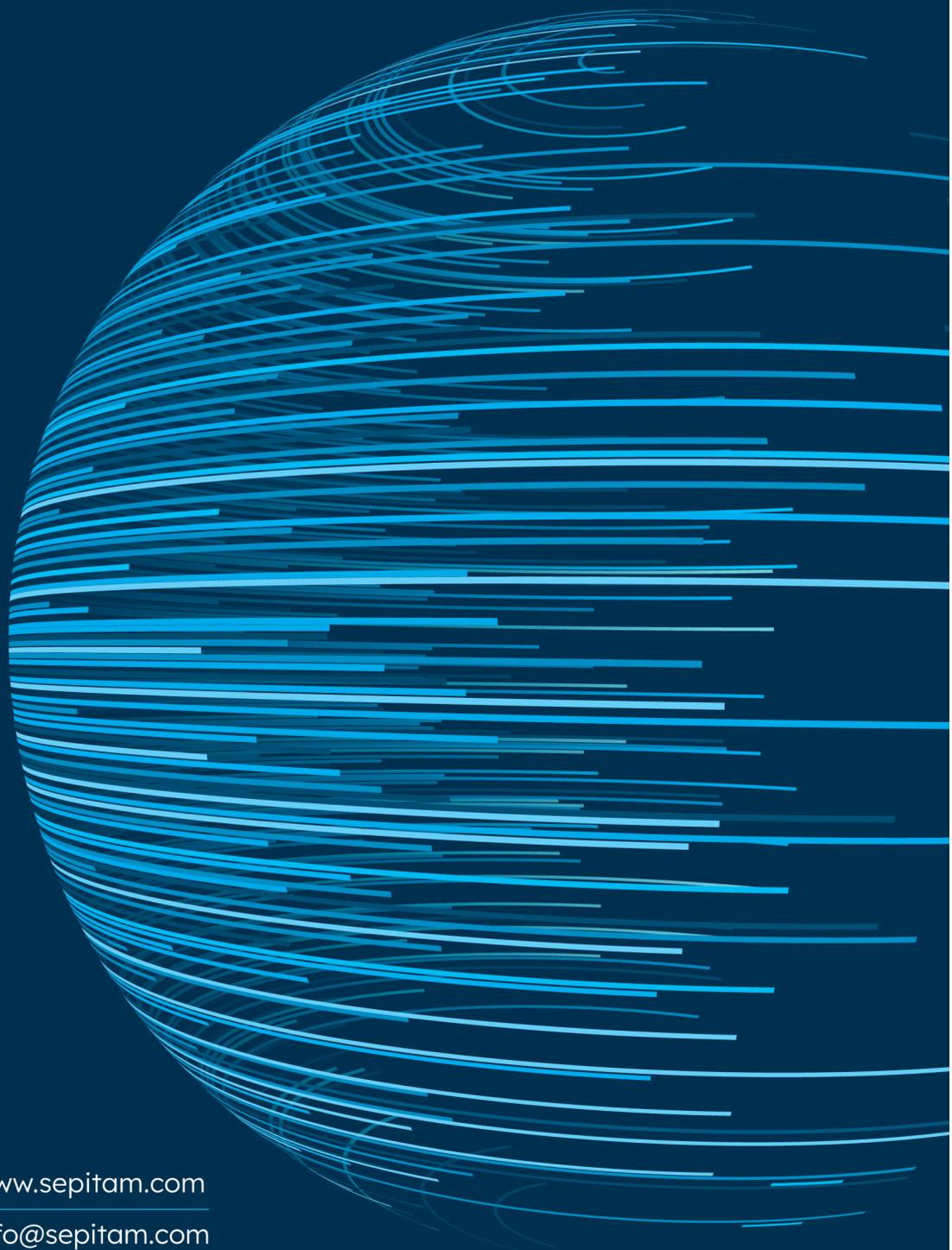
- 8Channels CWDM MUX DEMUX,support 8 channels difference business,such applications as 1G/10G Ethernet, SDH/SONET and 8/4/2/1G, in two optical fiber for point-to-point transmission.



## ► Specifications:

Model	Sepitam-CWDM8-DX-4761
Wavelength	8 channels 1470-1610nm
Channel Passband	±6.5nm
Insertion Loss	≤ 2.4dB
Return Loss	≥ 45dB
Polarization Mode Dispersion	0.1ps
Channel Isolation	Adjacent ≥30dB Non-adjacent ≥ 45dB
Net Weight	3.5KG
Channel Spacing	20nm
Technology	TFF (Thin Film Filter)
Center Wavelength Accuracy	±0.05nm
Directivity	≥ 45dB
Polarization Dependent Loss	≤ 0.3dB
Temperature	Operating: -40 to 80°C Storage: -40 to 85°C
Dimensions (HxWxD)	44*440*230mm

# Technical Specification of Sepitam-CWDM8-DX-4761



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