

Signamax has introduced Wave Division Multiplexing (CWDM) modules combine or split 4 or 8 wavelengths into a single fiber. This technology CWDM uses an ITU standard 20 nm spacing between the wavelengths, from 1,310 to 1,610 nm. Signamax provides CWDM module that has 4 or 8 channels with high center-wavelength accuracy and stability, low insertion loss, high directivity and low polarization-dependent loss.

Signamax CWDM Multiplexers/Demultiplexers

FEATURES

- High Channel Isolation
- Low Insertion Loss
- Highly Stable & Reliable
- Low Profile Packaging
- Epoxy-Free Optical Path
- Low Profile Packaging

APPLICATIONS

- Dense WDM Systems
- CATV Fiber optic Links
- Fiber Amplifier System
- Fiber optic Instruments
- Laboratory Application

SPECIFICATIONS

Channel Number: 4/8/16

Center Wavelength: ITU

Operating Pass band: ITU +/-7.0 nm

Passband Insertion Loss: 1.8/2.5/3.6 dB

Passband Ripple: 0.30 dB

Uniformity: 0.5/1.0/1.0 dB

Return Loss: 45 dB

Adjacent Channel Isolation: 35 dB

Non-Adjacent Channel Isolation: 45 dB

Polarization Dependent Loss (PDL): 0.1 dB

Polarization Mode Dispersion (PMD): 0.1 dB

Max Tensile Load: 5 N

Wavelength Temperature Sensitivity: 0.003 nm/°C

Operating Temperature: -10-70°C

Temperature Dependent Loss: 0.5 dB

Storage Temperature: -40-85°C

Connector Type: Customer Specified

Fiber Length: 1m

Package Dimensions: 80x60x8 mm/120x90x9 mm/111x85x18 mm

Signamax CWDM Multiplexers/Demultiplexers

PART NO.	DESCRIPTION
065-4MUXC	4-channel Mux/Demux
065-8MUXC	8-channel Mux/Demux