FIBERSTAMP Mini 4CH CCWDM 1270nm to 1610nm

FCWDM-MINI4CH

Features

- Low insertion loss
- High isolation
- Low polarization dependent loss
- Super compact design
- Good channel-to-channel uniformity
- Wide operating wavelength range
- High reliability and high stability
- Telcordia GR-1209-CORE-2001 compliant
- Telcordia GR-1221-CORE-1999 compliant
- ITU-T G.694.2 compliant
- RoHS compliant

Applications

- Data Center Interconnect Network
- Metro Optical Transport Network
- Telecommunications Network

Description

The FIBERSTAMP Mini 4CH CCWDM is designed for multi-wavelength CWDM network applications. It is based on TFF technology and free-space technology platform. It operates at 4 channels 20nm channel spacing ITU Grid CWDM wavelengths from 1270nm to 1610nm. The Mux Type, Port Configuration (4CH Ports, 1310nm Port, Upgrade Port), Fiber Type, Fiber Length, and Connector Type can be customized.

Specifications

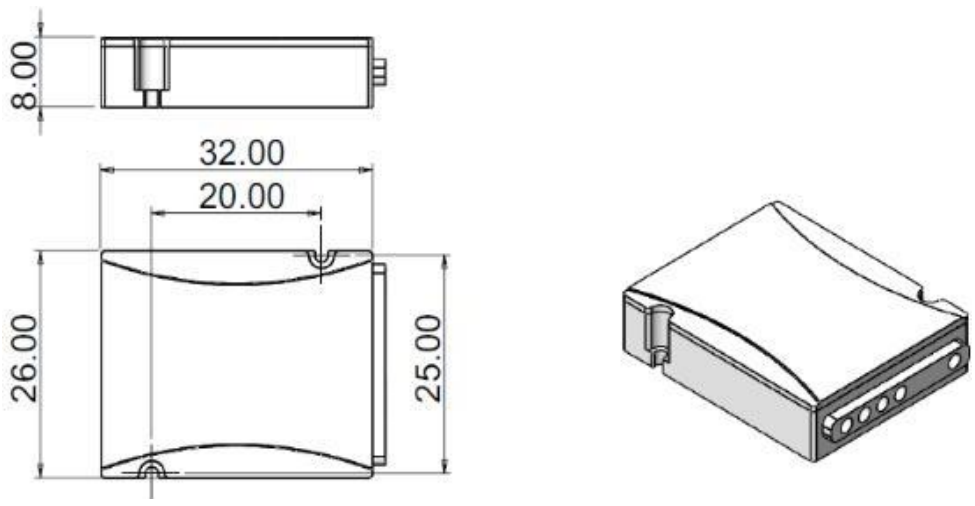
Parameters	Mini 4CH CCWDM
Center Wavelength (nm)	1270 to 1610
Operating Wavelength (nm)	1260 to 1620
Channel Space (nm)	20
Channel Passband @0.5dB (nm)	ITU±6.5
Channel Insertion Loss (dB)[2]	< 1.5
Adjacent Channels Isolation (dB)	> 30
Non-Adjacent Isolation (dB)	> 40
Directivity (dB)	> 50
Return Loss (dB)	> 45
Ripple (dB)	< 0.3
Polarization Dependent Loss (dB)	< 0.2
Polarization Mode Dispersion (ps)	< 0.1
Maximum Optical Power (mw)	300
Operating Temperature (°C)	-5 to +75

Storage Temperature (℃)	-40 to +85
Package (mm) (L×W×H)	32×26×8

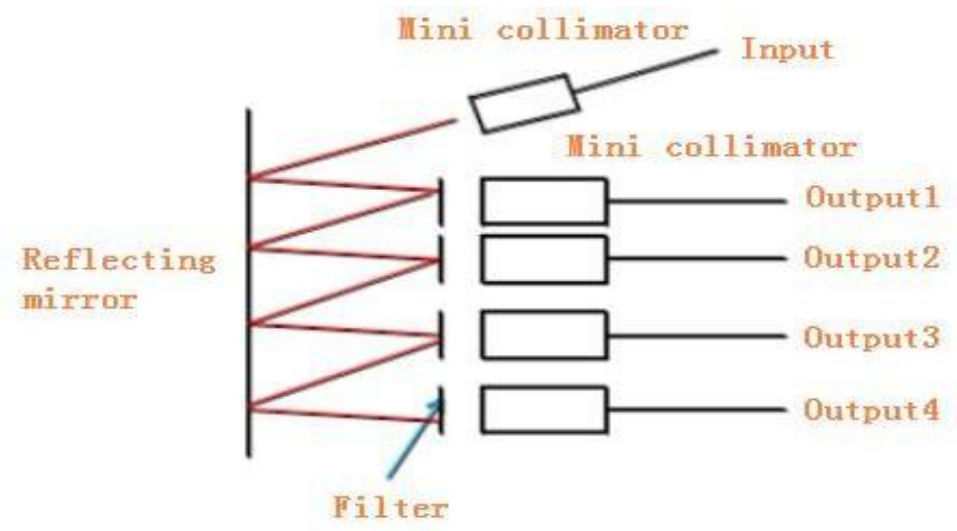
Notes: All specifications are based on the devices with connectors, and guaranteed over wavelength and temperature.

Fiber type is G657A1.

Mechanical Dimensions



Structure Diagram



Note: If there is a demand for orders that are different from those described above, please contact FIBERSTAMP. Customized options are shown as following :

Ordering Information

Part Number	Description
FCWDM-MINI4CH	Mini 4CH CCWDM

Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by FIBERSTAMP before they become applicable to any particular order or contract. In accordance with the FIBERSTAMP policy of continuous improvement specifications may change without notice.
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E-mail: sales@fiberstamp.com
Web : http://www.fiberstamp.com