

Features:

- 8 Channel Dual Fiber CWDM Mux/Demux with 1310nm Channel
- Operating Wavelengths 1260nm - 1620nm + Passband
- Center Wavelengths 1310nm, 1470nm - 1610nm
- Channel Spacing: 20nm
- Reliability: Telcordia GR-1209, GR-1221
- Maximum Optical Power: 300mW
- Connector Type - All Ports: LC/UPC
- Operating Temperature: -40 to 85°C
- Storage Temperature: -40 to 85°C
- Dimensions: 100mm x 100mm x 28.5mm
- Faceplate: 130mm



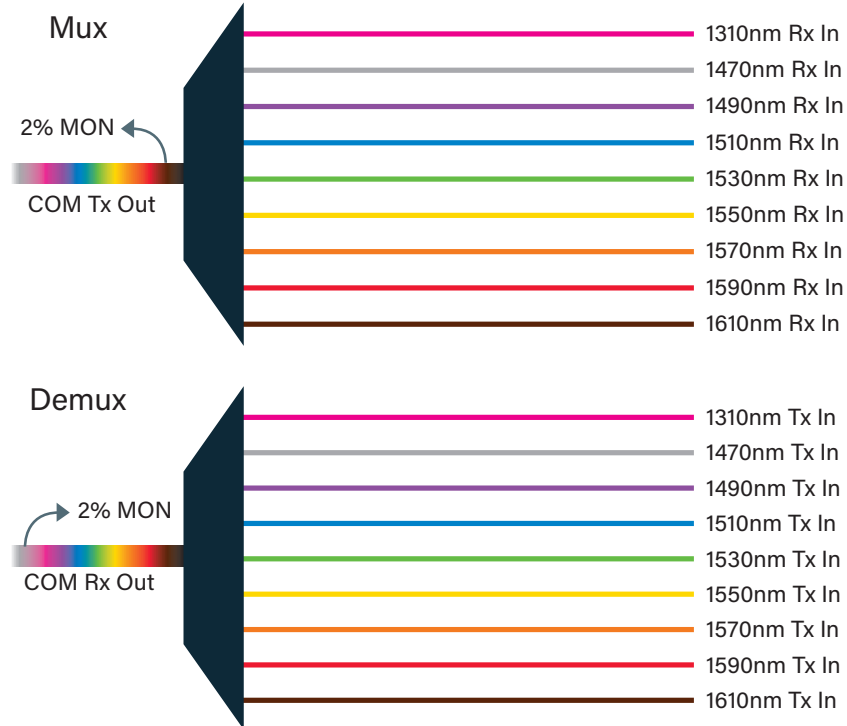
1. Optical Requirements

Parameter	Value
Passband Width	ITU±6.5nm
Passband Width	ITU±50nm
Passband Ripple (Max.)	≤ 0.5dB
Isolation, Adjacent Channel - CWDM (Min.)	≥ 30dB
Isolation, Non-Adjacent Channel - CWDM (Min.)	≥ 40dB
Isolation, 1310nm Channel (Min.)	≥ 30dB
Return Loss - All Ports	≥ 45dB
Directivity - CWDM Ports (Min.)	≥ 50dB
Polarization Dependent Loss (Max.)	≤ 0.2dB
Polarization Mode Dispersion (Max.)	≤ 0.2ps

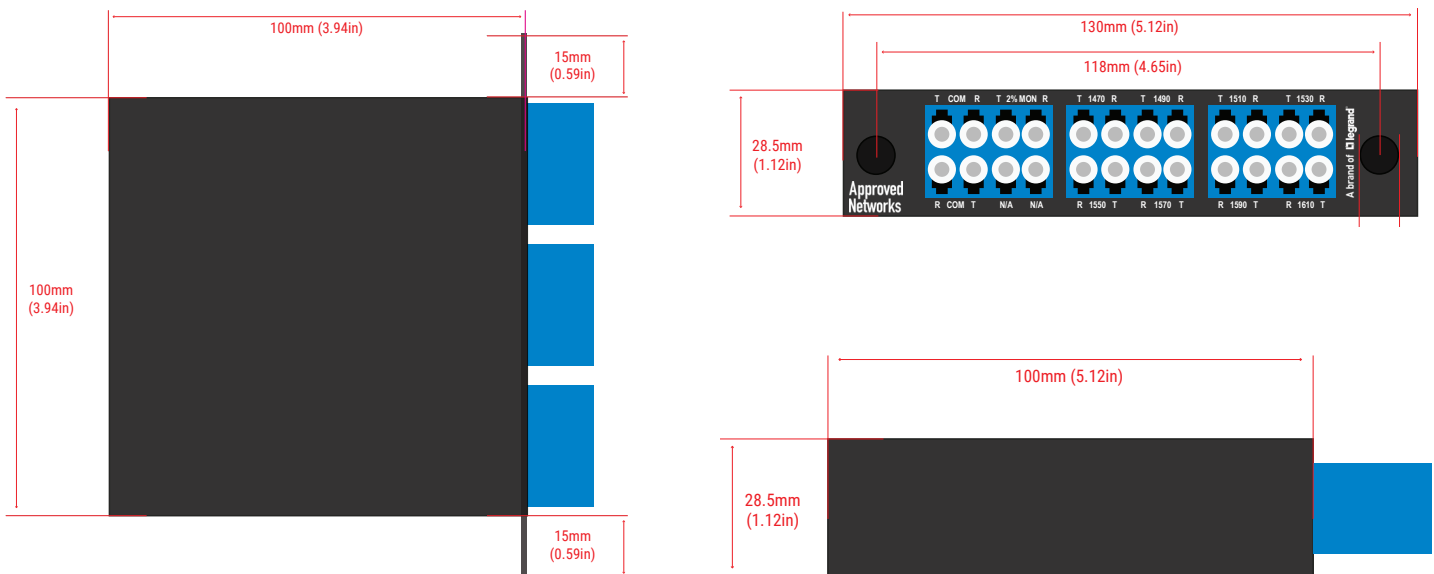
2. Insertion Loss

Parameter	Value
CWDM Channel Insertion Loss (Max.)	≤ 3.3dB
1310nm Channel Insertion Loss (Max.)	≤ 1.5dB
MON Port Insertion Loss	22.3dB Mux/19.0dB Demux

3. Network Diagram



4. Mechanical Diagram



5. Ordering Information: Modules

Part Number	Description
ZS-CWDM-AF03M-LL	CWDM 8 channel, 1470-1610nm, Single wide LGX with 2% MON, LC

6. Ordering Information: Mounting Options

LGX Chassis

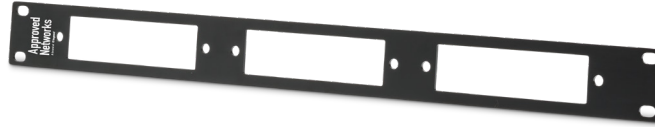


Part Number	Description	Dimensions	LGX Slots
ZS-LGX3R-14S-CHASSIS-1923	LGX 3RU Chassis For 14 LGX Modules And Fiber Mgmt. - 19 Or 23" Rack	Fits 19" Or 23" Rack x 3RU	14



Part Number	Description	Dimensions	LGX Slots
ZS-LGX1R-3S-CHASSIS-1923	LGX 1RU Chassis For 3 LGX Modules And Fiber Mgmt. - 19 Or 23" Rack	Fits 19" Or 23" Rack x 1RU	3

LGX Faceplate



Part Number	Description	Dimensions	LGX Slots
LGX1R-FACEPLATE	1RU Faceplate 19" With 3 LGX Slots For Passives	Fits 19" Rack x 1RU	3

Magnetic "C" Bracket



Part Number	Description	Dimensions	LGX Slots
LGX-2U2L	2RU Magnetic Bracket With 2 LGX Slots For Passives	5.28" x 3.94" x 2.44"	2

7. Contact Information

Tel: 800.590.9535

Web: <http://www.approvednetworks.com>