

Features:

- 1 Channel CWDM OADM
- Channel Wavelengths: CWDM 1430nm, 1450nm, 1470nm, 1490nm, 1510nm, 1530nm, 1550nm, 1570nm, 1590nm, or 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



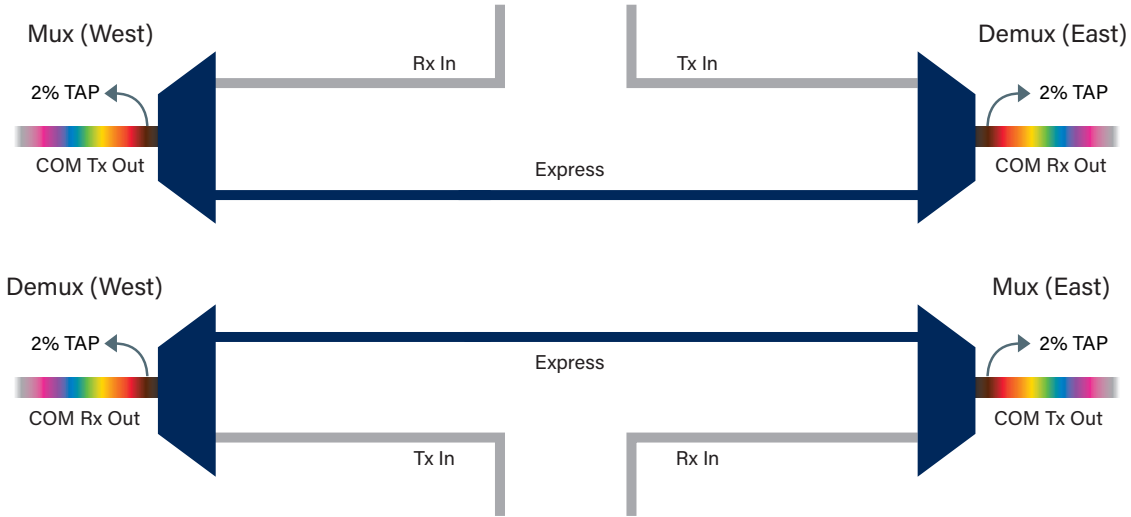
1. Optical Requirements

Parameter	Value
Bandwidth - Channel Ports (Min.)	±6.5nm
Express Wavelengths	1260nm - 1650nm (Excludes CH. ±10nm)
Passband Ripple (Max.)	≤ 0.2dB
Isolation, Adjacent Channel - CWDM (Min.)	≥ 30dB
Isolation, Non-Adjacent Channel - CWDM (Min.)	≥ 40dB
Isolation, Express Channel (Min.)	≥ 12dB
Return Loss - All Ports (Min., Including Connectors)	≥ 45dB
Directivity - CWDM Ports (Min.)	≥ 45dB
Polarization Dependent Loss (Max.)	≤ 0.2dB
Polarization Mode Dispersion (Max.)	≤ 0.2ps

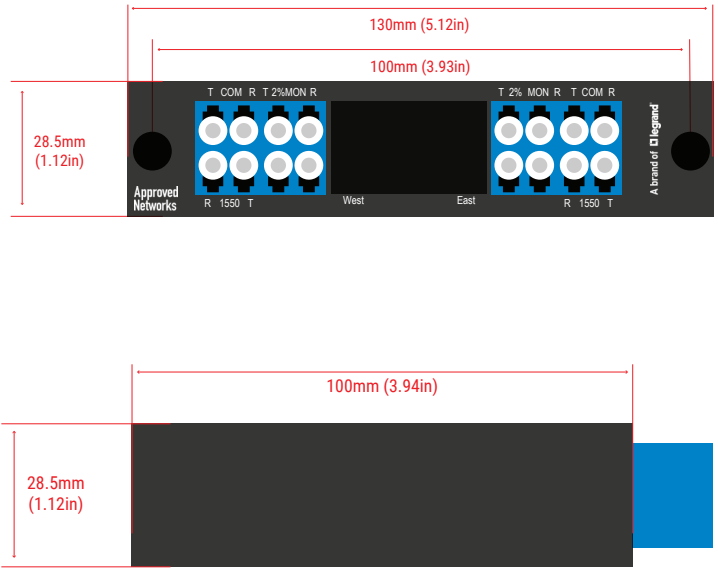
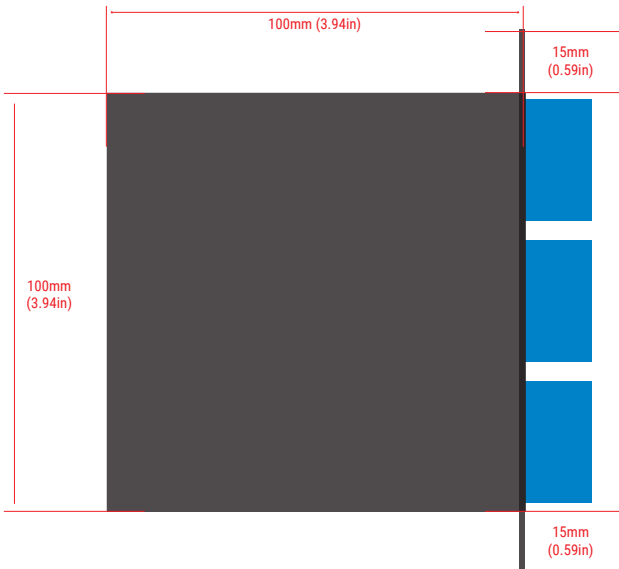
2. Insertion Loss

Parameter	Value
CWDM Channel Insertion Loss (Max., Incl. Connectors)	≤ 1.3dB
Express Insertion Loss (Max., Incl. Connectors)	≤ 2.0dB
MON Port Insertion Loss (East+West Tx/Rx)	19.0dB Mux/23.0dB Demux

3. Network Diagram



4. Mechanical Diagram



5. Ordering Information: Modules

Part Number	Description
ZS-CWDM-E0xxM-LL	OADM East and West, xx=43 (1430nm) to 61 (1610nm) 20nm Spacing, 1 Channel, 2% MON, LGX Module, LC/UPC

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



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>