

Features:

- 2 Channel DWDM OADM
- Operating Wavelengths
ITU ch. 16 – 60
- Channel Spacing: 100GHz
- 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: 130mm x 100mm x 28.5mm
- Faceplate: 130mm



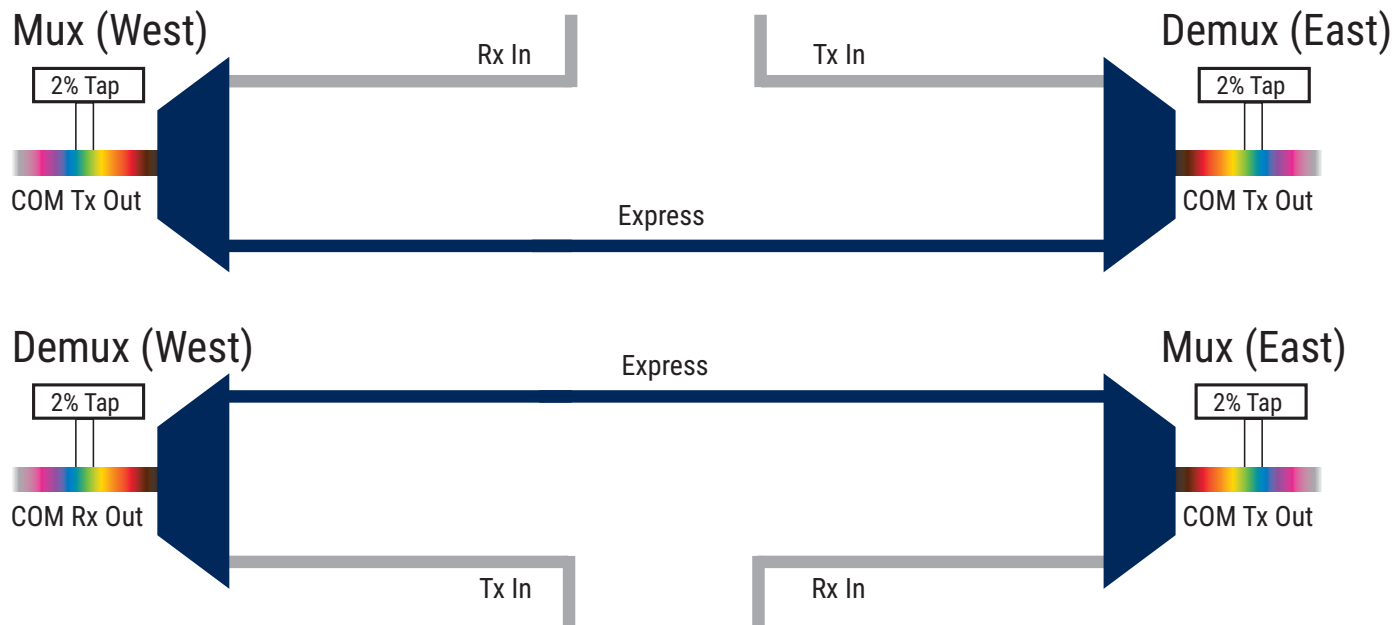
1. Optical Requirements

Parameter	Value
Passband Width	ITU±0.11nm
Polarization Dependent Loss (dB)	≤ 0.2
Directivity (dB)	≥ 50
Return Loss (dB)	≥ 45
Polarization Mode Dispersion (ps)	≤ 0.2
Fiber Type	SMF-28e+ 900 μm
Max Power Handling (mW)	300
Adjacent Channel Isolation between DWDM Channels (dB)	≥ 30
Non-Adjacent Channel Isolation Between DWDM Channels (dB)	≥ 40

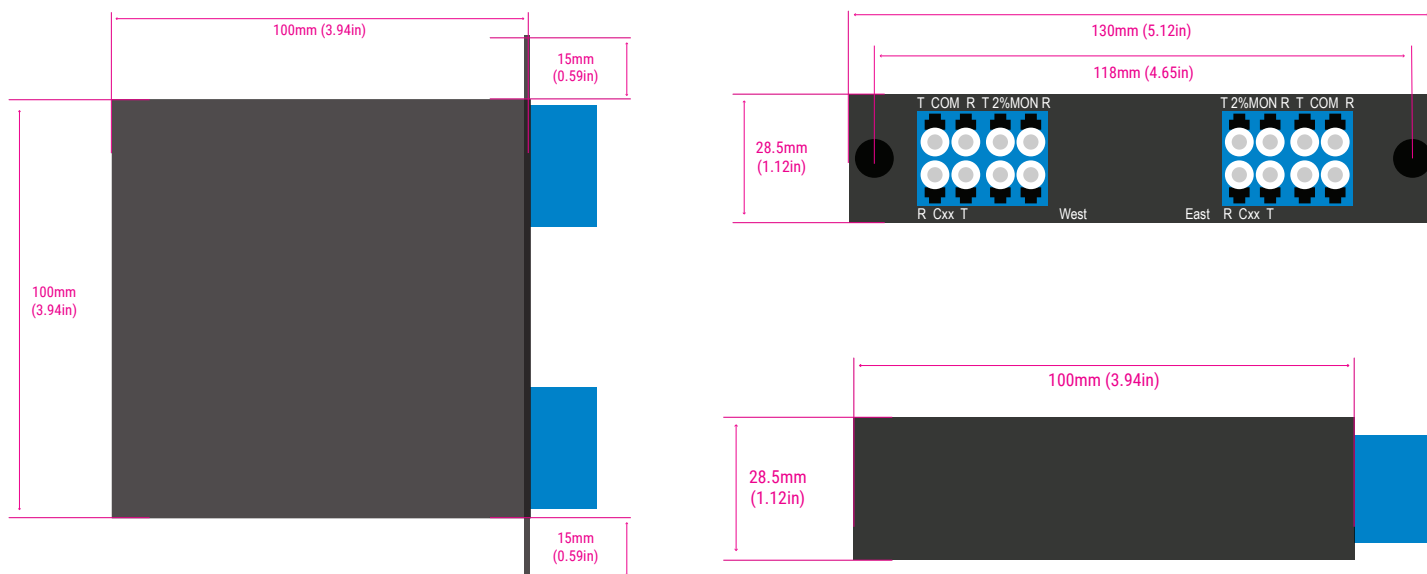
2. Insertion Loss

Parameter	Value
COM Rx>Tx Drop Insertion Loss (dB)	≤ 1.5
Rx Add>COM Tx Insertion Loss (dB)	≤ 1.5
COM Rx>COM Tx Insertion Loss (dB)	≤ 2.2
MON Insertion Loss (Tx/Rx, dB)	≤ 19 / ≤ 20.5

3. Network Diagram



4. Mechanical Diagram



5. Ordering Information: Modules

Part Number	Description
ZS-DWDM-ADM-100-1-L-N-N-xx-L	DWDM OADM 100GHz 1Ch, LC, No Skip, Ch xx start, 2% Mon, LGX

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>