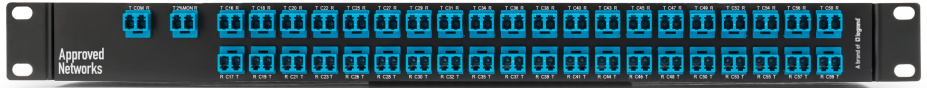
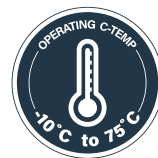
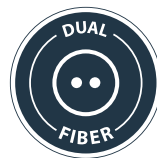
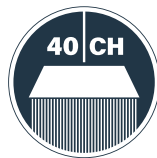


## Features:

- 40 Channel Dual Fiber DWDM Mux/Demux  
19" Rackmount with Gaussian AWG Filter
- Channel Wavelengths: DWDM  
 CH. 16 - CH. 23  
 CH. 25 - CH. 32  
 CH. 34 - CH. 41  
 CH. 43 - CH. 50  
 CH. 52 - CH. 59
- Channel Spacing: 100GHz
- RoHS compliant
- Reliability: Telcordia GR-1209,GR-1221
- MON Operating Wavelength: 1260nm - 1620nm



- Maximum Optical Power: 250mW
- Connector Type - All Ports: LC/UPC
- Operating Temperature: -5 to 65°C
- Storage Temperature: -40 to 85°C
- Dimensions: 250mm x 440mm x 44mm
- Faceplate: 482.6mm x 44mm



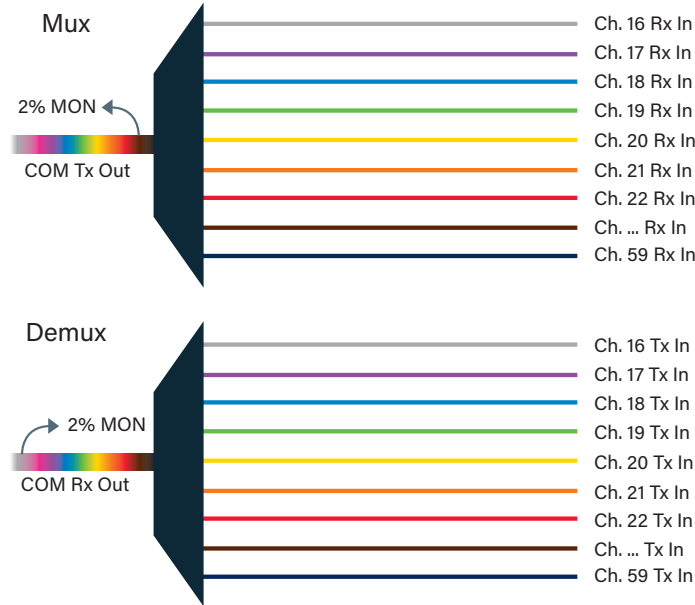
## 1. Optical Requirements

Parameter	Value
Passband Width	ITU±0.1nm
Passband Ripple	≤ 0.5dB
Isolation, Adjacent Channel - DWDM	≥ 25dB
Isolation, Non-Adjacent Channel - DWDM	≥ 30dB
Total Isolation	≥ 21dB
Return Loss	≥ 40dB
Directivity	≥ 40dB
Polarization Dependent Loss	≤ 0.7dB
Polarization Mode Dispersion	≤ 0.5ps

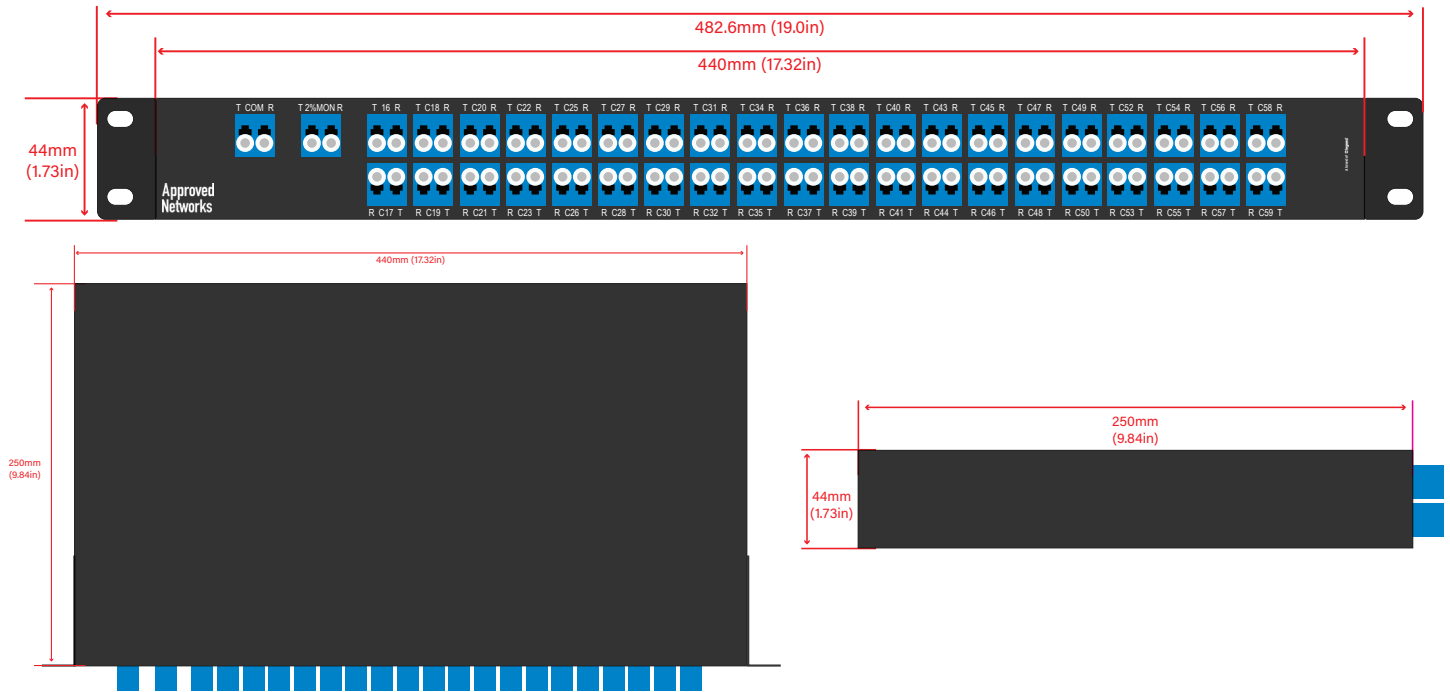
## 2. Insertion Loss

Parameter	Value
DWDM Channel Insertion Loss (Max.)	4.0dB
MON Port Insertion Loss	23.0dB Mux/19.0dB Demux

### 3. Network Diagram



### 4. Mechanical Diagram



## 5. Ordering Information

Part Number	Description
ZS-DWDM-MDG-100-40-L-8-1-16-R	DWDM, Mux/Demux, Dual Fiber, GAWG, 100GHz, 40 Channel, Channel 16 Start, LC, 8 skip 1, 2% MON, 1RU

## 6. Contact Information

Tel: 800.590.9535

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