

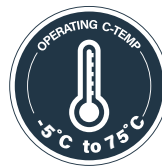
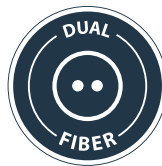
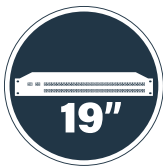
Features:

- O-Band 16 Channel DWOB Mux/Demux 19" Rackmount



- Channel Wavelengths: DWDM 1295.56-1312.58

- Channel Spacing: 200GHz
- Maximum Optical Power: 300mW
- Connector Type - All Ports: LC/UPC
- Reliability: Telcordia GR-1209, GR-1221
- Operating Temperature: -5 to 75°C
- Storage Temperature: -40 to 85°C
- Dimensions: 250mm x 440mm x 44mm
- Faceplate: 482.6mm



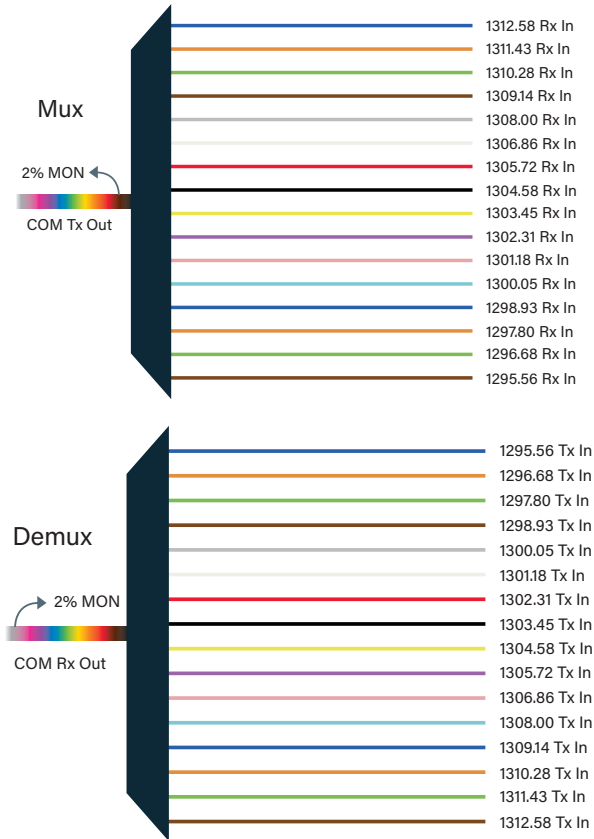
1. Optical Requirements

Parameter	Value
Passband, DWDM Channel Ports (Min.)	$\geq \text{ITU} \pm 0.16\text{nm}$
Passband Ripple (Max.)	$\leq 0.5\text{dB}$
Isolation, Adjacent Channel - DWDM (Min.)	$\geq 25\text{dB}$
Isolation, Non-Adjacent Channel - DWDM (Min.)	$\geq 35\text{dB}$
Return Loss - All Ports (Min., Including Connectors)	$\geq 40\text{dB}$
Directivity - DWDM Ports (Min.)	$\geq 50\text{dB}$
Polarization Dependent Loss (Max.)	$\leq 0.2\text{dB}$
Polarization Mode Dispersion (Max.)	$\leq 0.2\text{ps}$

2. Insertion Loss

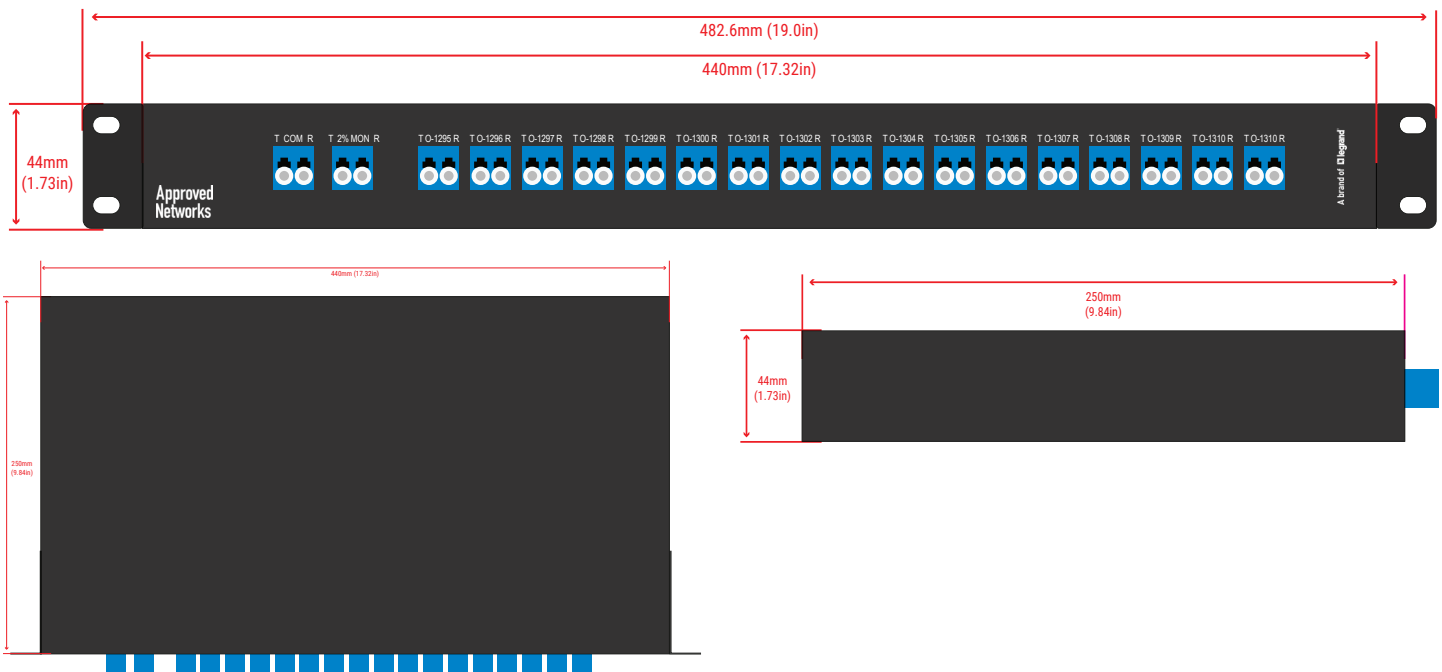
Parameter	Value
DWDM Mux or Demux (Typ., Incl. Connectors)	4.3dB
DWDM Mux or Demux (Max., Incl. Connectors)	$\leq 4.5\text{dB}$
DWDM Mux or Demux (Typ., Incl. Connectors)	5.3dB
DWDM Mux or Demux (Max., Incl. Connectors)	$\leq 5.7\text{dB}$
MON Port Insertion Loss (Max., Incl. Connectors)	$\leq 23.5\text{dB Mux}/19.0\text{dB Demux}$

3. Network Diagram



Channel	Typ.	Max.
1295.56	1.0	1.2
1296.68	1.3	1.5
1297.80	1.6	1.8
1298.93	1.9	2.1
1300.05	2.1	2.3
1301.18	2.3	2.5
1302.31	2.5	2.7
1303.45	2.7	2.9
1304.58	2.9	3.1
1305.72	3.1	3.3
1306.86	3.3	3.5
1308.00	3.5	3.7
1309.14	3.7	3.9
1310.28	3.9	4.1
1311.43	4.1	4.3
1312.58	4.3	4.5

4. Mechanical Diagram



5. Ordering Information: Module

Root SKU	Part Number	Description
O1C16LC95010010	ZS-DWOB-M/D-200-16-L-N-0-1295-R	O-Band DWOB, 200GHz 16CH., CH. O-1295 Start, No Skips, With 2% Mon, 1RU LC

6. Contact Information

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