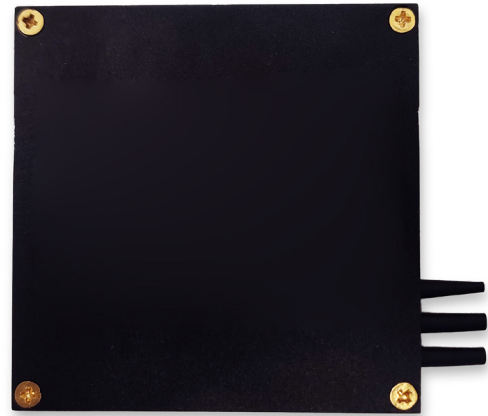
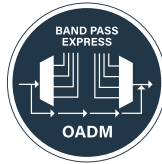
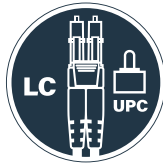


Features:

- 1 Channel DWDM Dual Fiber OSP OADM
- Channel Wavelengths - DWDM: CH. 14 - 61
- Channel Spacing: 100 GHz
- Maximum Optical Power: 300 mW
- Connector Type - MON Ports Only: LC/UPC
- Operating Temperature -40°C to 85°C
- Storage Temperature -40°C to 85°C
- Form Factor Size: 60mm x 60mm x 7mm



- Fiber Size: 900 μm (MON only), Colored Bare Fibers
- RoHS compliant



1. Optical Requirements

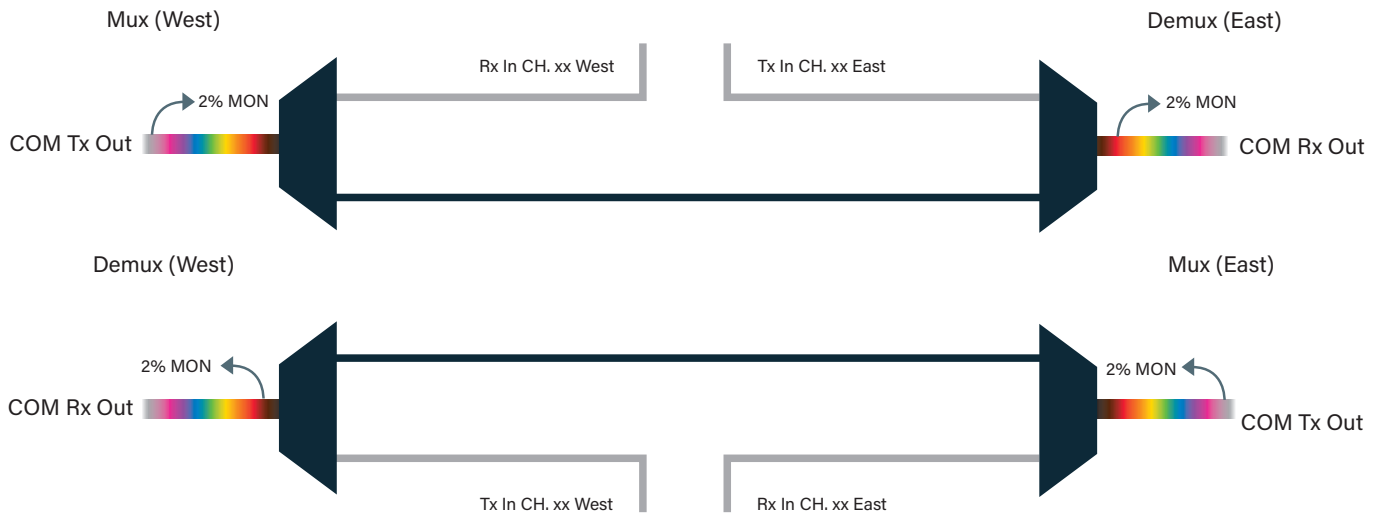
Parameter	Value
Passband, DWDM Channel Ports (Min.)	≥ ITU±0.11nm
Passband Ripple (Max.)	≤ 0.5dB
Isolation, Adjacent Channel - DWDM (Min.)	≥ 30dB
Isolation, Non-Adjacent Channel - DWDM (Min.)	≥ 30dB
Return Loss - All Ports (Min., Excluding Connectors)	≥ 45dB
Directivity - DWDM Ports (Min.)	≥ 50dB
Polarization Dependent Loss (Max.)	≤ 0.2dB
Polarization Mode Dispersion (Max.)	≤ 0.2ps

2. Insertion Loss

Parameter	Value
Insertion Loss (Typ., Incl. Connectors) COM (Rx) → Tx (Drop)	1.3dB
Insertion Loss (Max., Incl. Connectors) COM (Rx) → Tx (Drop)	≤ 1.5dB
Insertion Loss (Typ., Incl. Connectors) Rx (Add) → COM (Tx)	1.3 dB
Insertion Loss (Max., Incl. Connectors) Rx (Add) → COM (Tx)	≤ 1.5 dB

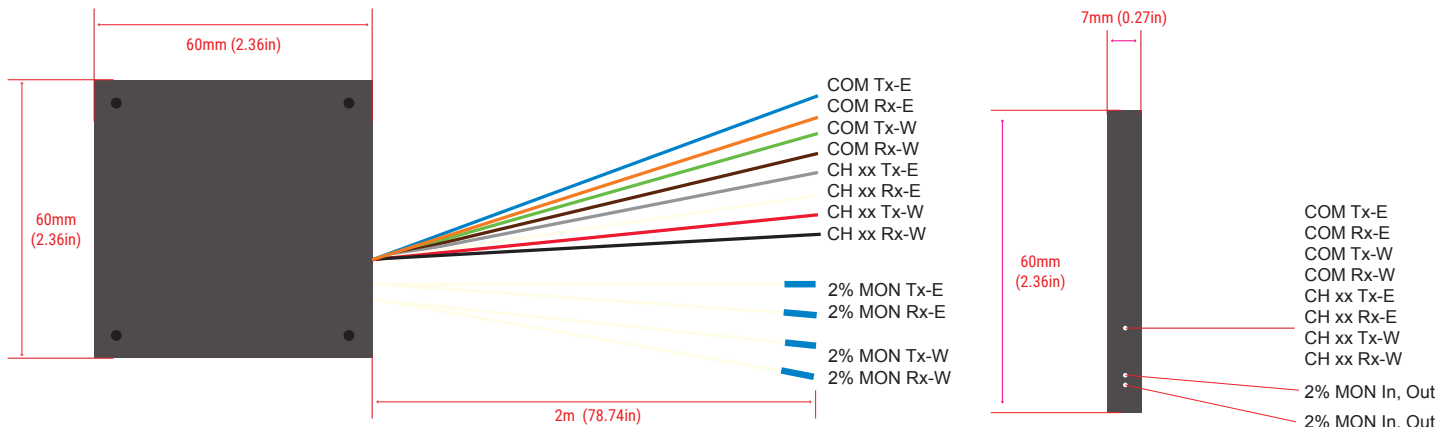
Insertion Loss (Typ., Incl. Connectors) COM (Rx) → COM (Tx)	2.0 dB
Insertion Loss (Max., Incl. Connectors) COM (Rx) → COM (Tx)	≤ 2.2 dB
Insertion Loss (West and East, Incl. Connectors) 2% MON	Tx: 19 dB, Rx: 20.5 dB

3. Networking Diagram



*xx = Starting Wavelength CH. 14 - CH. 61

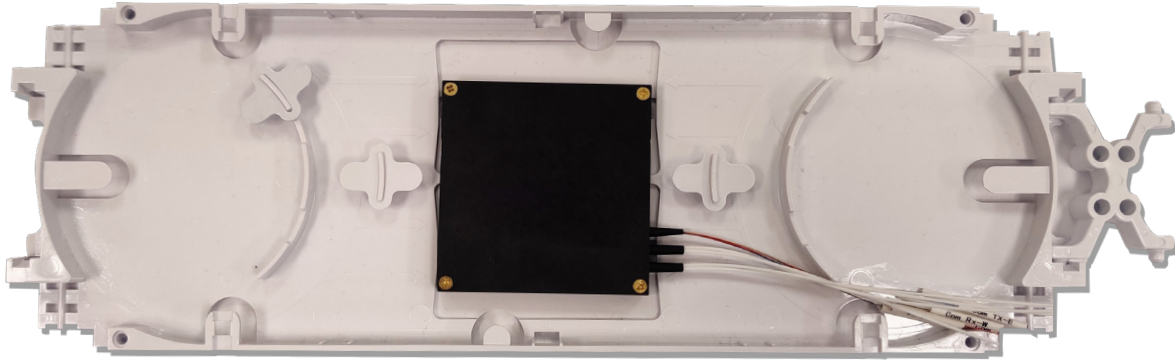
4. Mechanical Diagram



Channel	West		East	
	Typical	Maximum	Typical	Maximum
EXP	2.0	2.2	2.0	2.2
CH. xx	1.3	1.5	1.3	1.5

5. Tray Integration Options

Module in Tyco "B" Tray



6. Ordering Information

Part Number	Description
ZS-DW1-E11M0-NNxx-0000-2-S	DWDM OADM 100GHz 1 CH, LC and 900um on MON Only, CH. xx Start, 2M Fibers, 60x60x7mm, Module Only, Submersible

7. Contact Information

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