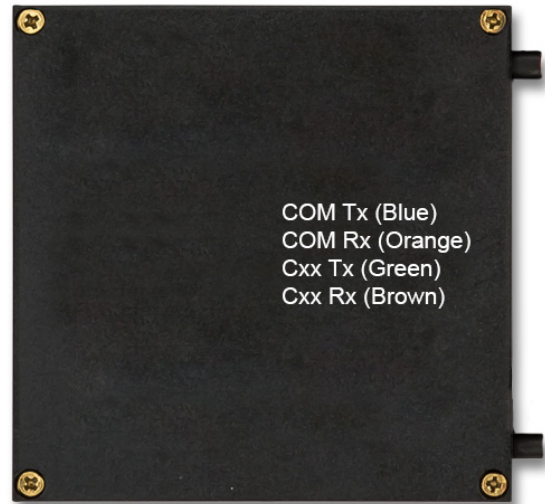


Features:

- 1 Channel Dual Fiber OADM DWDM OSP without MON
- Channel Wavelengths: DWDM CH. xx
- Channel Spacing: 100GHz
- Maximum Optical Power: 300mW
- Operating Temperature: -40 to 85°C
- Storage Temperature: -40 to 85°C
- Reliability: Telcordia GR-1209, GR-1221



- Dimensions: 60mm x 60mm x 7mm
- Fiber Size: 250 μm



1. Optical Requirements

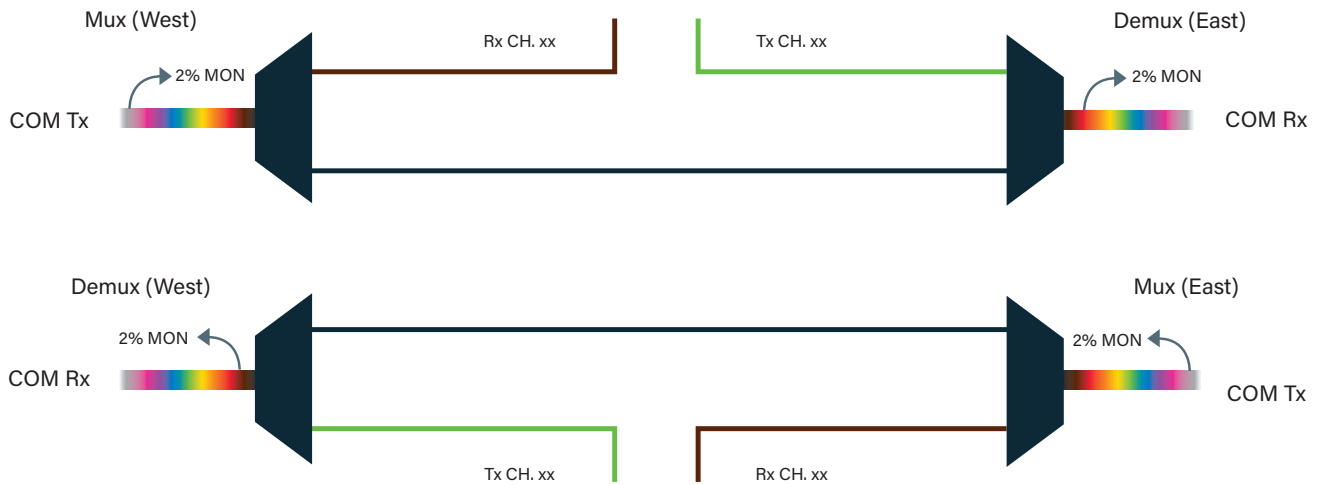
Parameter	Value
Passband, DWDM Channel Ports @-0.5 dB	ITU ≥ 25GHz
Passband, DWDM Channel Ports @-3 dB	ITU ≥ 60GHz
Passband Ripple (Max.)	≤ 0.5dB
Isolation, Adjacent Channel - DWDM (Min.)	≥ 30dB
Isolation, Non-Adjacent Channel - DWDM (Min.)	≥ 40dB
Return Loss - All Ports (Min., Including Connectors)	≥ 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 - COM Rx → Tx Drop (Typ., Incl. Connectors)	0.4dB
Insertion Loss - COM Rx → Tx Drop (Max., Incl. Connectors)	≤ 0.6dB
Insertion Loss - Rx Add → COM Tx (Typ., Incl. Connectors)	0.4dB

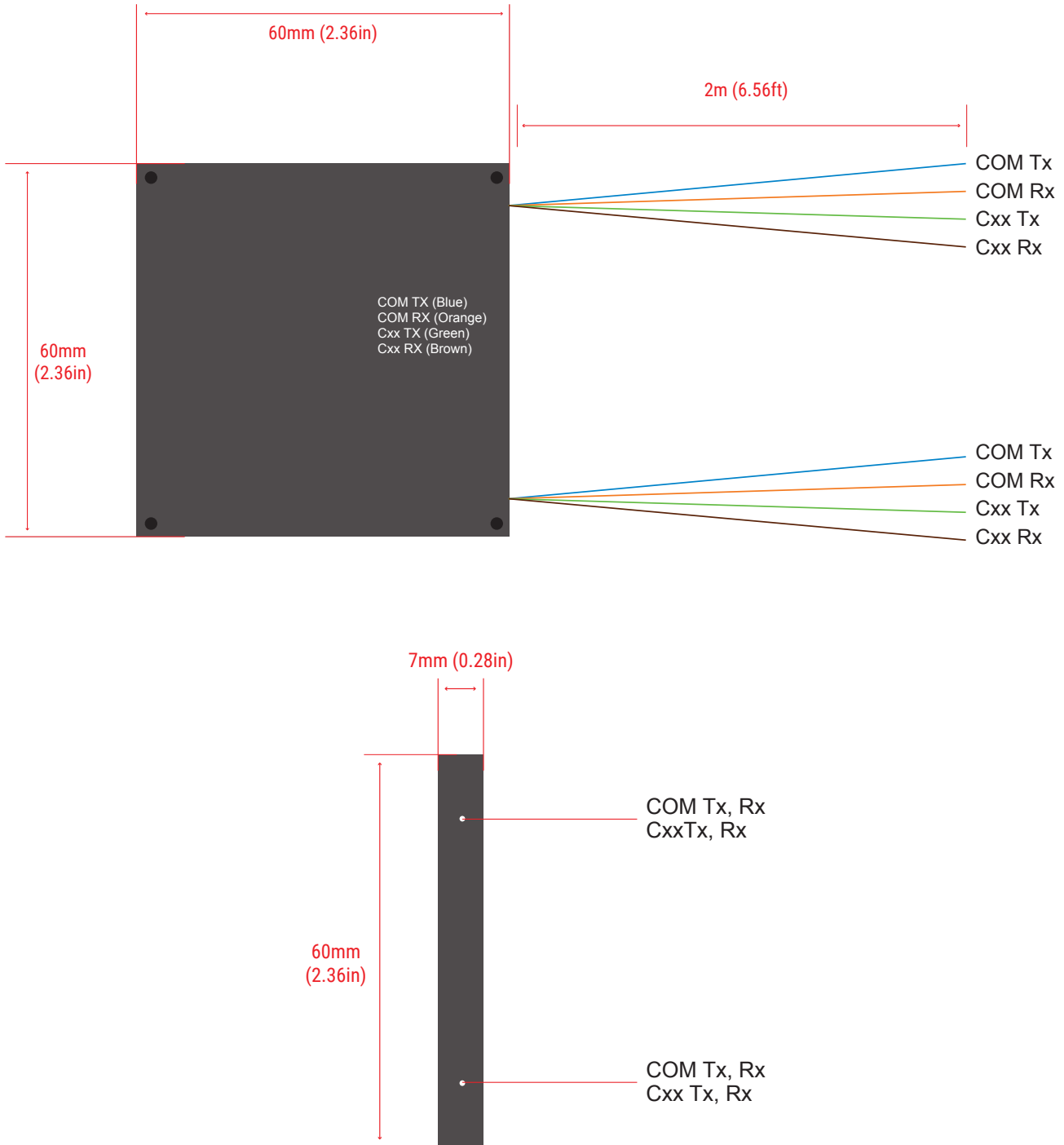
Insertion Loss - Rx Add → COM Tx (Max., Incl. Connectors)	≤ 0.6dB
Insertion Loss - COM Rx → COM Tx (Typ., Incl. Connectors)	0.6dB
Insertion Loss - COM Rx → COM Tx (Max., Incl. Connectors)	≤ 0.8dB

3. Network Diagram



Channel	West		East	
	Typ. (dB)	Max (dB)	Typ. (dB)	Max (dB)
CH. xx	0.4	0.6	0.4	0.6

4. Mechanical Diagram



5. Ordering Information

Root SKU	Part Number	Description
D6T01NAxx168080	ZS-DW1-ED1100-NN-xx-00-2	DWDM 100 GHz Spacing, OADM, TFF Thin Film Filter , 1 Channel, No Connector, Channel xx Start, Single Module, OSP 60mm x 60mm x 7mm, 2m Pigtail, Skip 0, NO MON

6. Contact Information

Tel: 800.590.9535

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