

800G C-Band 4CH LAN-WDM Module Datasheet

LAN-WDM WDM is designed to help network operators build the fiber base for 5G networks.



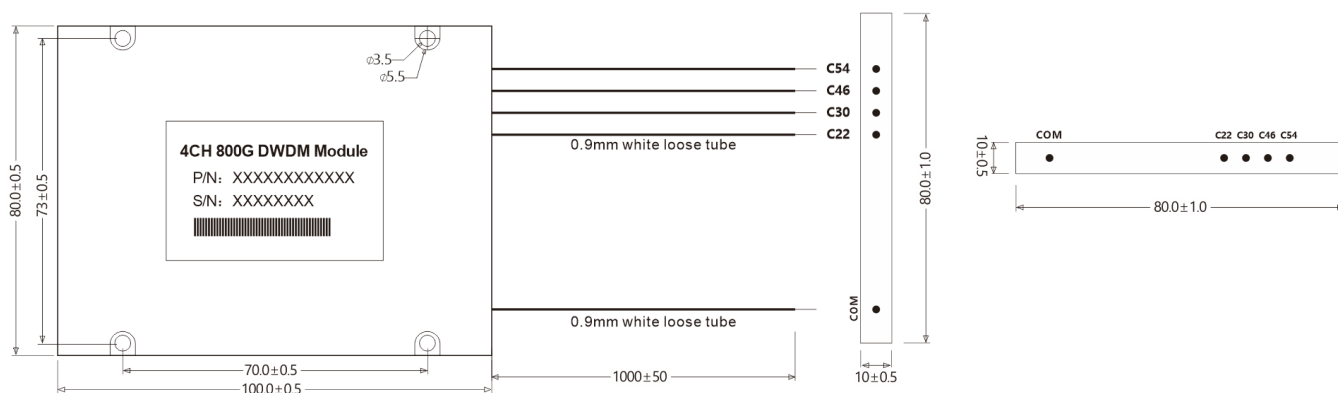
• Description

LAN-WDM WDM is designed to help network operators build the fiber base for 5G networks. Equipped with a sealed joint/distribution box, it can be used in any outdoor environment, effectively reducing the necessary maintenance and inspection work in the field. This customized 800G 4CH LAN-WDM module performs the same functions as the 800G DWDM module due to its C-band and dense wavelength division.

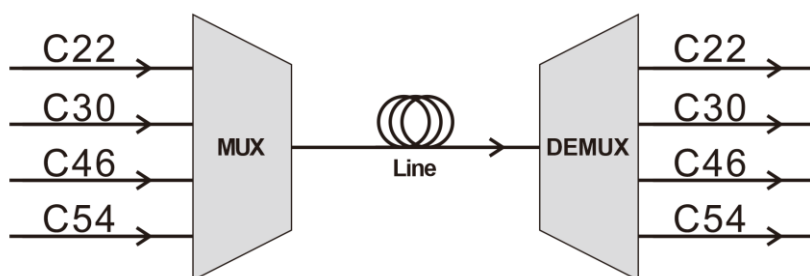
• Advantages

- High channel isolation
- High reliability and stability
- CE/ISO/ROHS √
- Low dispersion
- High quality TFF technology
- Support industrial temperature - 40°C ~ +85°C, suitable for outdoor applications.

• Dimension Drawing(Unit: mm)



• Structure Diagram(Unit: mm)



• Specifications:

Parameters		Value
Center wavelength(nm)		C54(1534.25),C46(1540.557),C30(1553.329),C22(1559.794)
Operating Wavelength(nm)		1500~1620
Center Wavelength y Accuracy(nm)		±0.1
Transmission Bandwidth(nm)		±2.0
Insertion loss(dB)		±2.0
Isolation (dB)	Adjacent isolation	>28
	Non-adjacent isolation	>45
Ripple(dB)		<0.2
PDL(dB)		<0.15
PMD (ps)		<0.1
RL(dB)		>45
Directivity(dB)		>50
Maximum Optical Power(mw)		<300
Fiber Diameter		0.9mm
Package Dimension(mm)		ABS Type100*80*10
Connector		LC/UPC or as requested
Temperature(°C)		-40~+85

Specification without connector, add an additional 0.2dB loss per connector.

• Ordering information:

Part Number	Product Descriptions
DWDM-04DC54/C22PS0910-00	800G DWDM multiplexing module C54/C46/C30C/C22, 4 ports, 100*80*10mm ABS package, 0.9mm white loose tube, 1.0m, no connector.