

8CH DWDM Module Spec

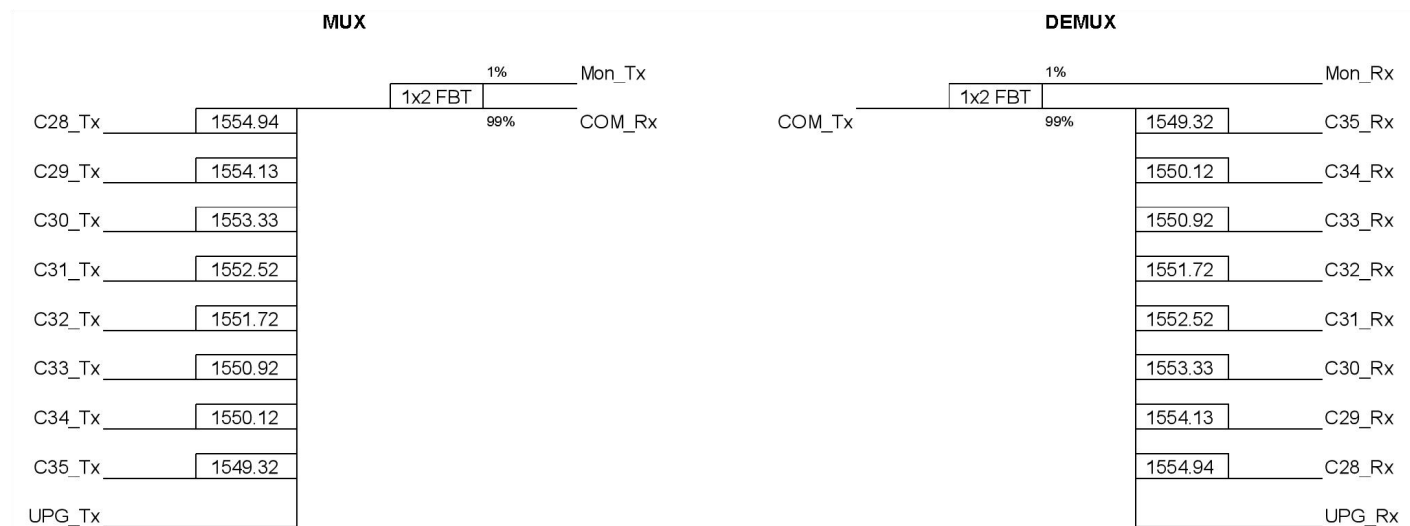
Customer PN	Product PN	Description
SO-DWDM-MUX-8CH	DWDMM-0828K105A1-01	8 Channel DWDM,100GHz ITU Grid C-Band, Mux/Demux, 19"chassis

Performance Specifications

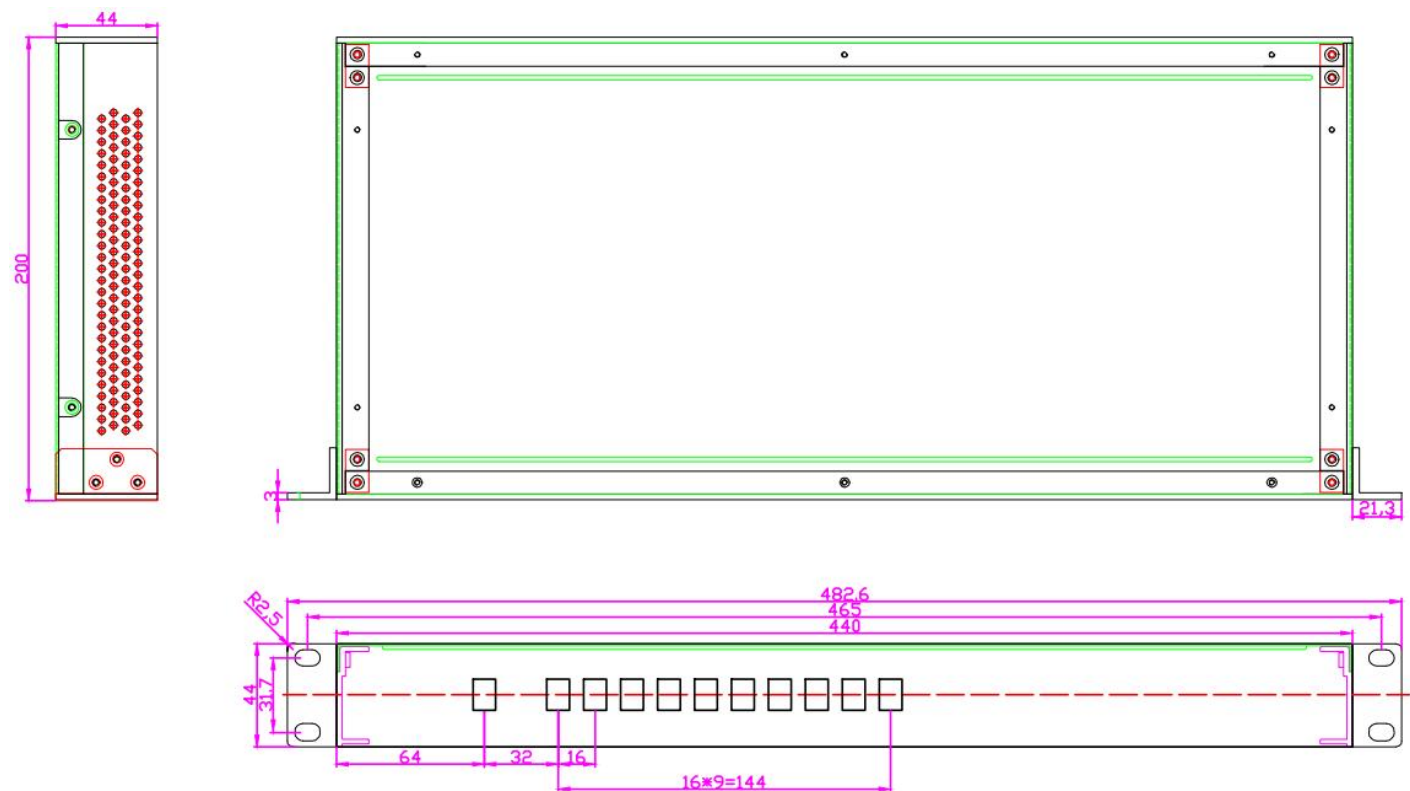
Performance		Unit		Specification
Operation Wavelength Range		nm		1500~1600
Central wavelength		nm		Ch28-35 default all combination available
Channel spacing		GHz		100
Passband	DWDM	nm		±0.11
	UPG	nm		1500-1600(Except C28-C35)
Insertion Loss	DWDM & UPG	Max	dB	2.5
		AVG	dB	2.1
Extra insertion loss monitor port	1% Tap	Max	dB	0.3
Isolation	Adjacent Isolation	Min	dB	30
	Non_adjacent isolation	Min	dB	45
	UPG Port	Min	dB	13
Directivity		Min	dB	45
Return Loss		Min	dB	45
Ripple		Max	dB	0.3
Polarization Dependent Loss		Max	dB	0.2
Polarization Mode Dispersion		Max	dB	0.2
Power Handling		Max	mW	500
Operating Temperature		℃		-40~+85
Storage Temperature		℃		-40~+85(-60~+90)
Fiber Type		/		G657A1
Connector Type		/		LC/UPC
Package Dimension (LxWxH)		mm		19" casing
Rohs Requirement		/		Rohs Compliant

* **Notes: 1. Insertion Loss tested with connector.**

Structures



Dimensions Diagram



Test Report

The test report should be provided when the products are delivered. Following characteristic test data should be included:

- Insertion Loss@ room temperature
- PDL@ room temperature
- Adjacent Channel Isolation@ room temperature
- Customer PN, SN bar code

Packaging

Following items should be indicated on the outer packaging surface:

- Product Name
- Customer PN
- Customer PN bar code

- Serial Number
- Serial Number bar code

Revision History

Revision	Notes	Authors	Checked	Approval	Date
Rev A0	New release	Virgil			2022-11-19