

Compact DWDM Module Spec

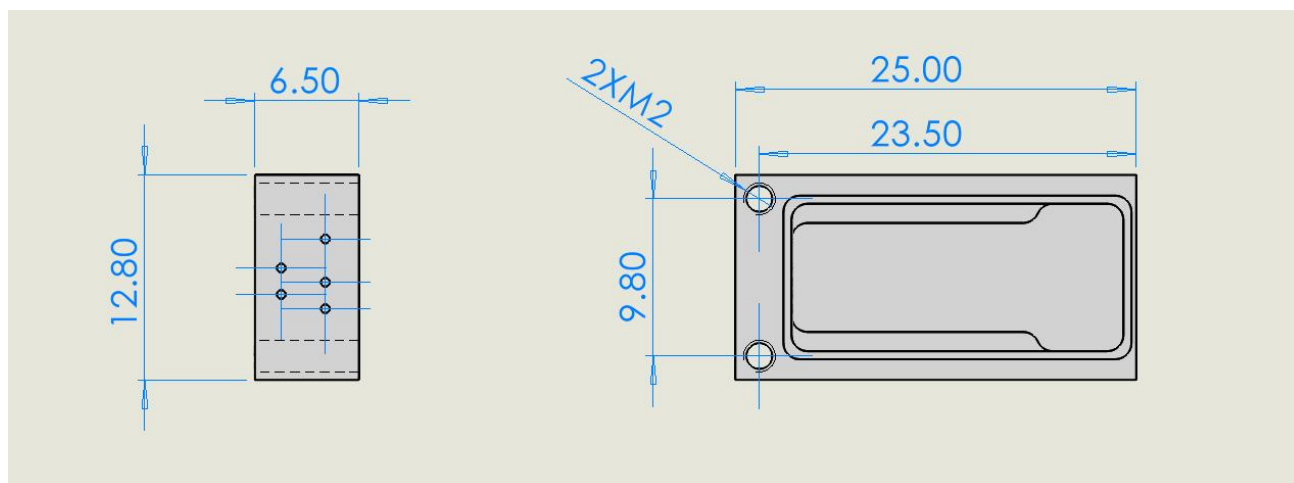
Customer PN	Product PN	Description
Type1	CDWDM-426S11S-01	4CH 100GHz DWDM MODULE,26/29/36/39,G657 A2,900um loose tube,1M,FC/APC, Com 端 ST 接头
Type2	CDWDM-426S114-01	4CH 100GHz DWDM MODULE,26/29/36/39,G657 A2,900um loose tube,1M,FC/APC

Performance Specifications

Parameters		Specifications	Unit
Channel Number		4	-
Center Wavelength		ITU C26/C29/C36/C39	nm
Channel spacing		100GHz	-
Channel Passband (@-0.5dB bandwidth)		$\lambda_c \pm 0.11$	nm
Insertion Loss ¹		≤ 1.8	dB
Ripple over pass band		≤ 0.5	dB
Isolation	Adjacent	≥ 30	dB
	Non-adjacent	≥ 40	dB
Polarization Dependent Loss		≤ 0.3	dB
Return Loss		≥ 45	dB
Directivity		≥ 50	dB
Maximum Power Handling		500	mW
Operating Temperature		-40~+85	℃
Storage Temperature		-40~+85	℃
Fiber Type		G657A2	-
Cable Type		900um loose tube	-
Fiber Length		1.0 $\pm$ 0.5	m
Connector	Type1	Com 端: ST 头 Others: FC/APC(2.0mm Narrow key)	-
	Type2	FC/APC(2.0mm Narrow key)	
Package size		L25×W12.8×H6.5	mm

* Notes: 1. Insertion Loss tested with connector.

Dimension:



Test Report

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

Hirundo Optics Inc

Factory: 2nd Floor, Building 6, #16 Xinfu Road, Southern Cable Industrial Park, Rongli Ronggui Street, Shunde District, Foshan city, Guangdong 528305 China
Tel: 0757-26619220 Email: info@hirundo-link.com Website: <https://www.hirundo-link.com/>

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- Insertion Loss@ room temperature
- PDL@ room temperature
- Isolation@ room temperature

Packaging

Following items should be indicated on the outer packaging surface:

- Product Name
- Product Number
- Serial Number

Reliability & RoHS Assurance Requirement

Telcordia GR-1209 core
Telcordia GR-1221 core
RoHS10 compliance

Revision History

Revision	Notes	Authors	Checked	Approval	Date
Rev A0	New release	Virgil			2024-10-29