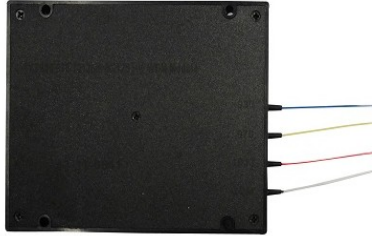


Raman WDM Module (1450/1550/1660nm)

The Raman Wavelength Division Multiplexer (Raman WDM) Module is manufactured by using thin-film filter technology, it used to separate and combine different signal wavelengths at 1450nm, 1550nm, and 1660nm (or 1650nm). It's featured with low insertion loss and high isolation. It's widely used in raman sensor or other fiber test or measurement systems.



Features

- Low Insertion Loss
- High Isolation
- High Reliability & Stability

Applications

- Raman Distributing Temperature Sensor
- Fiber Sensor
- Test & Measurement

Performance Specification

Parameter	Value	Unit
Center Wavelength	1450, 1550, 1660	nm
Bandwidth	1450±10, 1550±15, 1660±10 (or customized)	nm
Max. Insertion Loss for each wavelength	1.2	dB
Typ. Insertion Loss @ 1450nm	0.6	dB
Min. Isolation @ 1550nm	50	dB
Min. Isolation @ 1450nm or 1660nm	45	dB
Max. Flatness	0.5	dB
Max. Thermal Stability	0.005	dB/°C
Max. Wavelength Stability	0.002	nm/°C
Max. PDL	0.1	dB
Min. Directivity	35	dB
Min. Return Loss	35	dB
Max. Optical Power (Continuous Wave)	300 (higher available upon request)	mW
Max. Tensile Load	5	N
Fiber Type	62.5/125um, or 50/125um Multi-mode Fiber	
Operating Temperature	0 to +70	°C
Storage Temperature	-20 to +80	°C
Package Dimension	120X80X10	mm

Note

* For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower.

* Specifications may change without notice.

Ordering Information

RWDMM-AAA-B-C-DD-EE

AAA	B	C	DD	EE
Wavelength	Fiber Type	Fiber Jacket	Fiber Length	Connector
456 - See Above	M6 - 62.5/125 Fiber	B - 250um Bare	05 - 0.5m	NE - None
SSS - Specify	M5 - 50/125 Fiber	Fiber	08 - 0.8m	FA - FC/APC
	SS - Specify	L - 900um Loose	10 - 1.0m	FP - FC/PC
		Tube	15 - 1.5m	SA - SC/APC
			SS - Specify	SP - SC/PC
				LA- LC/APC
				LP - LC/PC
				SS - Specify