

Raman Multimode WDM

Raman Multimode Wavelength Division Multiplexer is a fiber component built with thin-film filter technology, it can be used to separate or combine 1450nm, 1550nm and 1660nm wavelength signal, it's widely used Distributing Temperature Sensor System, the MM fiber can be 50/125 or 62.5/125 fiber.

Application:

DTS System
Fiber Optic Sensor
Raman Amplifier
Lab And Research

Features:

Epoxy Free
High Isolation
Low Insertion Loss
Optical Path Reversibility



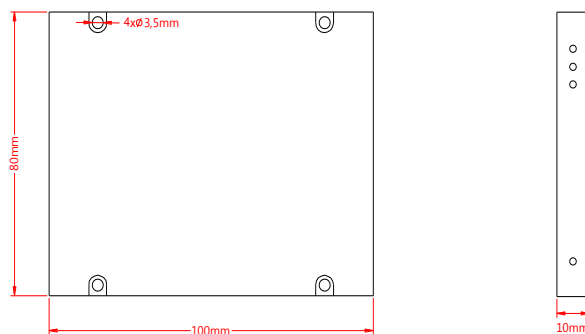
Specification:

Parameter	Symbol	Value	Unit
Operating Wavelength	λ	1450, 1550, 1660	nm
Bandwidth	BW	1445~1475, 1535~1565, 1645~1680	nm
Max. Insertion Loss	IL	1.2	dB
Min. Isolation	Iso	50	dB
Max. Flatness		0.5	dB
Max. Thermal Stability		0.005	dB/°C
Max. Wavelength Stability		0.002	nm/°C
Min. Polarization Dependent Loss	PDL	0.1	dB
Min. Directivity		35	dB
Min. Return Loss	RL	35	dB
Max. Optical Power (CW)	P	300	mW
Max. Tensile Load		5	N
Fiber Type		50/125. 62.5/125 or specify	-
Operating Temperature	T	-0~75	°C
Storage Temperature	T	-40~85	°C
Package Dimension		L100xW80xH10	mm

Notice: Above specifications are tested at center wavelength without connector in room temperature @23°C.

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

Drawing:



Ordering Information (Part Number):

RMWDM- WWW - FF - J - LL - CC				
WWW	FF	J	LL	CC
Wavelength	Fiber Type	Fiber Jacket	Fiber Length	Connector
456 - 1450, 1550, 1660nm	M5 - 50/125 MM Fiber M6 - 62.5/125 MM Fiber SS - Specify	B - 250um Bare Fiber 9 - 900um Loose Tube 2 - 2.0mm Loose Tube 3 - 3.0mm Loose Tube	05 - 0.5m 10 - 1.0m 15 - 1.5m 20 - 2.0m SS - Specify	NE - None FA - FC/APC FU - FC/UPC SA - SC/APC SU - SU/APC LA - LC/APC LU - LC/UPC SS - Specify