



100GHz and 200GHz Add/Drop Module (OADMM Series)

The Add/Drop module is used to drop and add one or more ITU wavelength channels with 100GHz or 200GHz spacing in DWDM systems. The module is based on environmentally stable Thin Film Filter technology. It has wide bandwidth, low insertion loss, high isolation and high power handling capability and high isolation.

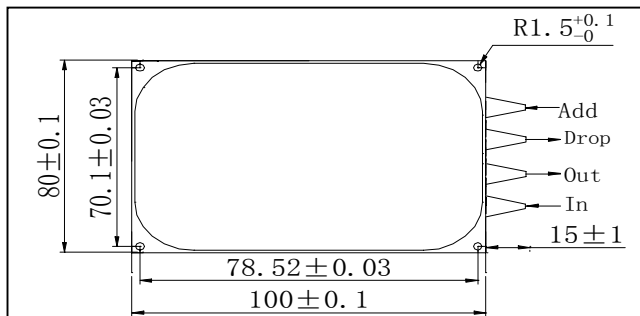
Specifications

Parameters	Unit	100GHz	200GHz
Signal Wavelength Range	nm		1530-1580
Center Wavelength CWL	nm		ITU Grid
Pass Bandwidth @0.5dB (min)	nm	ITU CH. +/- 0.10	ITU CH. +/- 0.25
Insertion Loss @ In<----> Drop	dB	≤1.2	≤1.0
Insertion Loss @ Add <----> Out	dB	≤1.2	≤1.0
Insertion Loss @ In <----> Out	dB	≤0.8	≤0.8
Channel Isolation @ In <----> Out	dB	≥25	≥25
Channel Isolation @ In <----> Drop	dB	≥25	≥25
PDL	dB	≤0.1	≤0.1
Directivity	dB	≥50	≥50
Return Loss	dB	≥50	≥50
Center Wavelength Stability	nm/°C	≤0.002	≤0.002
Thermal Stability	dB/°C	≤0.005	≤0.005
Max. Optical Power	mW	300	300
Fiber Type		SMF-28 Fiber	SMF-28 Fiber
Tensile Load	N	≥5	≥5
Operating Temperature	°C	-5 to +70	-5 to +70
Storage Temperature	°C	-40 to +85	-40 to +85
Package Dimension	mm	100 (L) x 80 (W) x 9.5 (H)	

*Above specifications are for module without connector.

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

Package Dimensions



Ordering Information

OADMM-①-②②-③-④-⑤

①: Channel Spacing

1 - 100GHz

2 - 200GHz

②②: ITU Grid

③: Connector Type

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

5 - LC/UPC

6 - ST/UPC

N - None

S - Specify

④: Fiber Type

B - 250um bare fiber

L - 900um loose tube

C - 3mm loose cable

S - Specify

⑤: Fiber Length

1 - 1.0 m

S - Specify