100GHz Optical Add/Drop Multiplexer (1x2)

Features

- Environmental Green Plan
- Compliance
- Ultra-Low Insertion Loss
- Narrow Down Distribution
- Super Thermal Srtability
- Highly Reliability
- High Channel Isolation

Applications

- Dense WDM Systems
- CATV fiberoptics Links

Performance Specifications

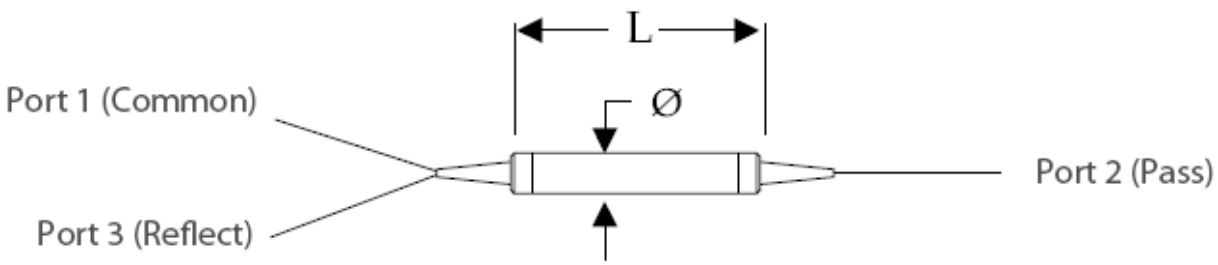
Parameter		Mux (Add)	DeMux (Drop)
Channel Wavelength (nm)		ITU Grid,1528~1640	
Center Wavelength Accuracy (nm)		± 0.1	
Minimum Channel Spacing (GHz)		100	
Passband Bandwidth (nm)		± 0.11	
Insertion Loss (0ver all wave-length range and all temp, all SOP)	Pass - channel	<0.85	
	Reflect - channel	<0.45	
Add / Drop Channel Ripple (dB)		< 0.3	
Insertion (All temp,all SOP),	Adjacent Channel Isolation	N/A	> 30
	Non-adjacent Channel Isolation	N/A	> 40
	Reflaect - Channel	N/A	14
Insertion Loss Temperature Sensitivity (dB/°C)		<0.005	
Wavelength Temperature Shifting (nm/°C)		<0.002	
Polarization Dependent Loss (dB)		<0.20	
Polarization Mode Dispersion (ps)		<0.20	
Directivity (dB)		>50	
Return Loss (dB)		>45	
Maximum Power Handling (mW)		500	
Operating Temperature (°C)		0 ~+ 70	
Storage Temperature (°C)		-40 ~+85	
Package Dimension (mm)		ϕ 5.5 x L34	

Note:

Tel:+86-755-27662758 Fax;+86-755-27662591 Email:sales@hiphotonics.com

All the parameters are excluding connectors

Mechanical Drawing/Package Dimensions (dimension in mm)



Ordering Information

OADM ☐ ☐ ☐☐ ☐ ☐ ☐☐

Channel Spacing	Configuration	1st ITU Channel	Fiber Type	Fiber Length	Connector
1=100GHz	A=Add D=Drop	21=1560.61nm 23=1558.98nm . . .	1=Bare Fiber 2=900um Fiber	1=1 Meter 2=2 Meter	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC