

100G, 200G DWDM Optical Add-Drop Multiplexer (1x2)

Features:

- ◆ Low Insertion Loss
- ◆ Wide Passband
- ◆ High Channel Isolation
- ◆ High Stability and Reliability
- ◆ Epoxy-free on Optical Path



Applications:

- ◆ Channel Add/Drop
- ◆ DWDM Network
- ◆ Wavelength Routing
- ◆ Fiber Optical Amplifier
- ◆ CATV Fiber Optical System

Performance Specifications:

Parameter		MUX/DEMUX	
Channel Wavelength (nm)		ITU Grid	
Center Wavelength Accuracy (nm)		±0.5	±0.1
Channel Spacing (nm)		100	200
Channel Passband (@-0.5dB bandwidth (nm))		>0.22	>0.5
Pass Channel Insertion Loss (dB)		≤1.0	≤0.9
Reflection Channel Insertion Loss (dB)		≤0.6	≤0.6
Channel Ripple (dB)		<0.3	
Isolation (dB)	Adjacent	>30	
	Non-adjacent	>40	
Insertion Loss Temperature Sensitivity (dB/°C)		<0.005	
Wavelength Temperature Shifting (nm/°C)		<0.002	
Polarization Dependent Loss (dB)		<0.1	
Polarization Mode Dispersion		<0.1	
Directivity (dB)		>50	
Return Loss (dB)		>45	

Maximum Power Handling (mW)	500
Operating Temperature (°C)	-10~+75
Storage Temperature (°C)	-40~85
Package Dimension (mm)	Φ5.5x34 (L38 for 900um Loose tube)

Specifications may change without notice.

Above specification are for device without connector.

Nomenclature:

DWDM	X	XX	X	X	XX
	ITU	Pass Channel	Fiber Type	Fiber Length	In/Out Connector
	1=100G 2=200G	01=Ch01 02=Ch02 60=Ch60	1=Bare fiber 2=900um loose tube	1=1m 2=2m	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC