

100G, 200G 1X2 DWDM Device (3 Ports)



Features

- Low insertion loss
- Wide pass band
- High channel isolation
- High stability and reliability
- Epoxy free on optical path

Applications

- Channel add/drop
- DWDM network
- Wavelength routing
- Fiber optical amplifier
- CATV fiberoptic system

Package Dimension



Performance Specifications

Parameter		Specification	
Operating Wavelength (nm)		ITU Grid	
Channel Spacing (nm)		100	200
Channel Passband (@-0.5dB bandwidth) (nm)		>0.3	>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 (ps)		<0.1	
Directivity (dB)		>50	
Return Loss (dB)		>45	
Maximum Power Handling (mW)		300	
Operating Temperature (°C)		-20~+75	
Storage Temperature (°C)		-40~+85	
Package Dimension (mm)		5.5 x L34 (L38 for 900µm loose tube)	

Above specifications are for devices without connector.
Specifications may change without notice.

Ordering Information

DWDM	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	ITU	Pass Channel	Fiber Type	Fiber Length	Connector
	1=100G 2=200G	01=Ch01 02=Ch02 60=Ch60	0=Bare fiber 1=900µm loose tube	1=1m 2=2m S=Specify	0=None 1=FC/APC 2=FC/UPC 3=SC/APC 4=SC/UPC 5=LC/APC 6=LC/UPC 7=ST S=Specify

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