

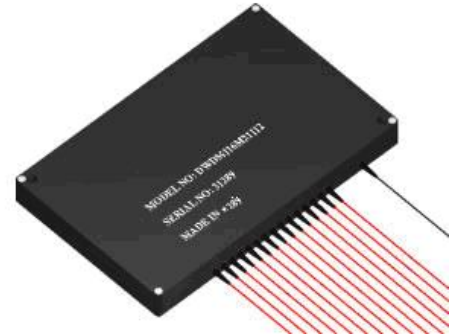
100GHz 16-Channel Dense Wavelength Division Multiplexer

Features

- 100GHz ITU channel spacing
- 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



Performance Specifications

Parameter	MUX	DEMUX
Channel Wavelength (nm)	ITU 100 GHz Grid	
Center Wavelength Accuracy (nm)	± 0.1	
Minimum Channel Spacing (GHz)	100	
Channel Passband (@-0.5dB bandwidth) (nm)	0.22	
Insertion Loss (dB)	≤ 6.0	
Insertion Loss Mux/Demux A Pair(dB)	≤7.5	
Channel Ripple (dB)	< 0.3	
Isolation @Add/Drop	Adjacent	> 25
Channel (dB),	Non-adjacent	> 35
Insertion Loss Temperature Sensitivity (dB/°C)	<0.005	
Wavelength Temperature Shifting (nm/ °C)	<0.002	
Polarization Dependent Loss (dB)	<0.15	
Polarization Mode Dispersion (ps)	<0.1	
Directivity (dB)	>50	
Return Loss (dB)	>45	
Maximum Power Handling (mW)	300	
Operating Temperature (°C)	0 ~+65	
Storage Temperature (°C)	-40 ~+85	
Dimension (mm)	142x102x14.5	

Specifications may change without notice

Ordering Information

DWDM

Channel Spacing	Channel	Configuration	1st ITU Channel	Fiber Type	Fiber Length	Connector
1=100GHz	16=16 Channel	M=Mux D=DeMux	21=1560.61nm 22=1559.79nm 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

Package Dimensions

