


100GHZ/200GHZ DWDM Module

Features	
Low Insertion Loss High Channel Isolation High stability and reliability	
Application	
DWDM Network	

Specifications

Parameter		1x2	4 ch	8 ch	16ch
Channel Wavelength (nm)		ITU 100 GHz Grid			
Center Wavelength Accuracy (nm)		± 0.05			
Minimum Channel Spacing (GHz)		100 (0.8nm)		200GHZ(1.6mm)	
Channel Passband (@-0.5dB bandwidth) (nm)		> 0.22		> 0.5	
Insertion Loss (dB)		P : < 0.8 R :>0.6	< 2.0	< 3.2	< 4.5
Channel Ripple (dB)		< 0.3			
Isolation	Adjacent	P> 30 R> 15	> 30		
	Non-adjacent	> 40			
Insertion Loss Temperature Sensitivity (dB/°C)		< 0.005			
Wavelength Temperature Shifting (nm/°C)		< 0.002			
Polarization Dependent Loss (dB)		< 0.10	< 0.10	< 0.15	
Polarization Mode Dispersion(ps)		< 0.10			
Directivity (dB)		> 50			
Return Loss (dB)		> 45			
Power Handling (mW)		300			
Operating Temperature (°C)		0 ~+70			
Storage Temperature (°C)		-40 ~+85			
Package Dimension (mm)		5.5x35	100x80x10	100x80x10	120x80x18
		19" RACK OR LGX BOX			

Ordering Information:

DWDM	Type	Spacing	Channel Type	1 st ITU Channel	Pigtail Type	Fiber Type	Length	Connector	Package
	M=Mux D=Demux	1=10 0Ghz 2=20 0Ghz	1=1ch 4=4ch 8=8ch 16=16ch	21=21ch 22=22ch 60=60ch	1=900um loose tube 2=2mm loose tube 3=3mm loose tube	1=SMF- 28e	1= 1m X=Spec ify	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UP C LC=LC/UPC LA=LC/APC XX=Other	35=5.5x35 10=100x80x 10 18=120x80x 18 L=LGX box 19=19" RACK