

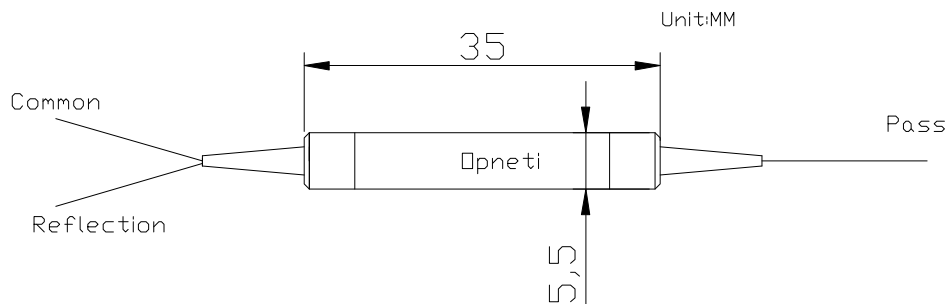
100Ghz Dense Wavelength Division Multiplexer (DWDM)

Features	
Low Insertion Loss	
High Channel Isolation	
High stability and reliability	
Epoxy Free Optical Path	
Application	
DWDM Network	
Wavelength Routing	
Fiber Optical Amplifier	
CATV Fiberoptic System	

Specifications

Parameter	1x2 100Ghz DWDM	
Channel Wavelength (nm)	1529.55~1561.42 (ITU 20~ 60)	
Center Wavelength Accuracy (nm)	± 0.05	
Channel Passband (@-0.5dB bandwidth) (nm)	> 0.22	
Insertion Loss (dB)	Add / Drop Ch.	< 1.0
	Express Ch.	< 0.4
Channel Ripple (dB)	< 0.4	
Isolation(dB)	Adjacent Ch	> 25
	Non-adjacent Ch	> 35
Express Channel Isolation (dB)	> 10	
Insertion Loss Temperature Sensitivity (dB/°C)	< 0.003	
Wavelength Temperature Shifting (nm/°C)	< 0.002	
Polarization Dependent Loss (dB)	≤ 0.10	
Polarization Mode Dispersion (ps)	≤ 0.1	
Directivity (dB)	≥ 50	
Return Loss (dB)	≥45	
Power Handling (mW)	≤300	
Operating Temperature (°C)	0 ~ +70	
Storage Temperature (°C)	-40 ~ +85	
Package Dimension (mm)	Ø5.5 x L34	

Package Dimensions:



Ordering Information:

DWDM	Channel Type	Spacing	ITU Channel	Pigtail Type	Fiber Type	Length	Connector
	1=1ch	1=100Ghz	21=21ch 22=22ch 60=60ch	250=250um bare fiber 900=900um loose tube 2000=2mm loose tube 3000=3mm loose tube	1=SMF-28e	1= 1m X=Specify	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC MU=MU/UPC XX=Other