



## Dense Wavelength Division Multiplexer (High Reliability)

### Key Features

- Low Insertion Loss
- High Power
- High Reliability

### Applications

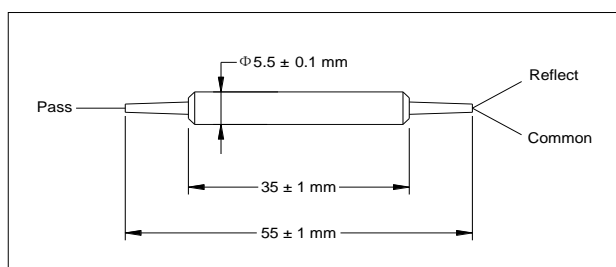
- EDFAs Systems
- Raman Amplifiers
- Submarine Optical Fiber Communication

### Specifications

Parameter	Unit	Value	
		100 GHz	200 GHz
Filter Type			ITU Grid
Pass Band	Center Wavelength		
	Min. Bandwidth @ 0.5 dB	0.22	0.5
	Max. Insertion Loss		0.6
	Min. Adjacent Channel Isolation		25
Reflection Band	Max. Insertion Loss		0.5
	Min. Channel Isolation		12
	Max. Polarization Dependent Loss		0.1
	Min. Directivity		45
	Min. Return Loss @ 23 °C		50
	Max. Temperature Dependent Loss		0.2
	Center Wavelength Stability	nm/°C	0.002
	Max. Optical Power	mW	300
	Max. Tensile Load	N	5
	Fiber Type		SMF-28e+fiber 200 kpsi
	Operating Temperature	°C	0 to + 45
	Storage Temperature	°C	- 40 to + 85

<sup>1</sup>IL is 0.3 dB higher, RL is 5 dB lower for each connector added.

### Package Dimensions



### Ordering Information

#### DWDM-①-②②-③-④-⑤-SUB

①: Channel Spacing	②②: ITU Grid	③: Connector Type	④: Fiber Type	⑤: Fiber Length
1 - 100 GHz	60 - 1529.553 nm (CE1)	1 - FC/UPC	B - 250 μm bare fiber	1 - 1.0 m
2 - 200 GHz	59 - 1530.334 nm (CE2)	2 - FC/APC	L - 900 μm loose tube	S - Specify
	58 - 1531.116 nm (CE3)	3 - SC/UPC	S - Specify	
	57 - 1531.898 nm (CE4)	4 - SC/APC		
		N - None		