



Dense Wavelength Division Multiplexer (BPDWDM Series)

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Description

The Dense Wavelength Division Multiplexer series is designed and manufactured to vehicle standard. The devices use environmentally stable thin film filter and advanced packaging technology to achieve wide passband, low insertion loss, high channel isolation and excellent environmental stability. They can be used to perform single channel add or drop function.

Key Features

- Low Insertion Loss
- High Power
- High Reliability

Applications

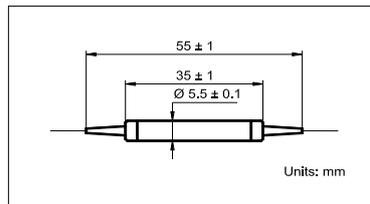
- EDFAs Systems
- Raman Amplifiers
- Vehicle Application

Specifications

Parameter	Unit	Value
Filter Type		100 GHz 200 GHz
Pass Band	Center Wavelength	nm
	Min. Bandwidth @ 0.5 dB	nm
	Max. Insertion Loss	dB
	Min. Channel Isolation	dB
Max. Polarization Dependent Loss		dB
Min. Return Loss		dB
Center Wavelength Stability	nm/°C	
Thermal Stability	dB/°C	
Max. Optical Power (Continuous Wave)	W	
Max. Peak Power for ns pulse	kW	
Max. Tensile Load	N	
Operating Temperature	°C	
Storage Temperature	°C	

¹IL is 0.3 dB higher, RL is 5 dB lower for each connector added.

Package Dimensions



Ordering Information

DWDM-①-②②-③-④-⑤

①: Channel Spacing	②②: ITU Grid	③: Connector Type	④: Fiber Type	⑤: Fiber Length
1 - 100 GHz		N - None	B - 250 μm Bare Fiber	1 - 1.0 m
2 - 200 GHz			S - Specify	S - Specify

