



Dense Wavelength Division Multiplexer (DWDM Series)

Rev 11 B

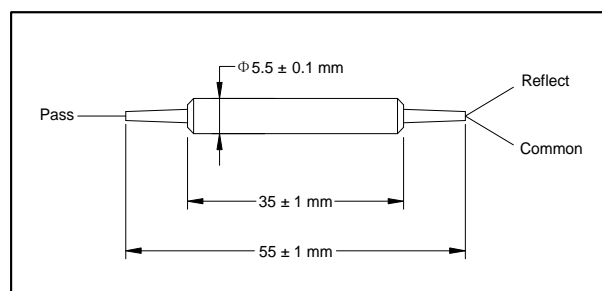
The Dense Wavelength Division Multiplexer series is designed and manufactured to Telcordia standard and ITU standard. The devices use environmentally stable thin film filter and advanced packaging technology to achieve wide passband, low insertion loss, high channel isolation and excellent environmental stability. They can be used to perform single channel add or drop function or can be cascaded into sequence for multi-channel applications in DWDM systems.

Specifications

Parameter	Unit	Value	
Filter Type		100 GHz	200 GHz
Pass Band	Center Wavelength		ITU Grid
	Min. Bandwidth @ 0.5 dB	0.22	0.5
	Max. Insertion Loss	1.0	0.8
	Min. Channel Isolation		25
Reflection Band	Max. Insertion Loss		0.4
	Min. Channel Isolation		12
	Max. Polarization Dependent Loss		0.1
	Min. Directivity		45
	Min. Return Loss		50
	Center Wavelength Stability	nm/°C	0.002
	Thermal Stability	dB/°C	0.005
	Max. Optical Power	mW	300
	Max. Tensile Load	N	5
	Fiber Type		SMF-28 fiber
	Operating Temperature	°C	-5 to +70
	Storage Temperature	°C	-40 to +85

*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

①: Channel Spacing	②②: ITU Grid	③: Connector Type	④: Fiber Type	⑤: Fiber Length
1 - 100 GHz		1 - FC/UPC	B - 250 μm bare fiber	1 - 1.0 m
2 - 200 GHz		2 - FC/APC	L - 900 μm loose tube	S - Specify
		3 - SC/UPC	S - Specify	
		4 - SC/APC		
		N - None		
		S - Specify		