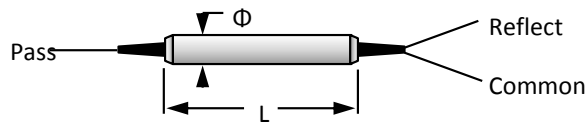


Dense Wavelength Division Multiplexer (DWDM) 100G

The 100G Dense Wavelength Division Multiplexer (DWDM) is based on thin-film filter technology compliant to ITU standard. It provides single channel add or drop function, or it can be cascaded into sequence for multi-channel applications in DWDM systems. 100GHz and 200GHz channel spacings are available.



Features

- ITU Standard
- Low Insertion Loss
- High Channel Isolation
- Telcordia Compliant Test

Applications

- Broadband Optical System
- DWDM System
- Optical Communications

Performance Specification

Parameter	Value	Unit
Channel Spacing	100	GHz
Center Wavelength	ITU Grid	nm
Min. Channel Passband (@-0.5dB)	0.22 (±0.11)	nm
Max. Insertion Loss (Common to Pass)	1.0	dB
Max. Insertion Loss (Common to Reflect)	0.4	dB
Min. Channel Isolation (Common to Pass)	30	dB
Min. Channel Isolation (Common to Reflect)	10	dB
Max. Ripple	0.3	dB
Max. PDL	0.1	dB
Max. PMD	0.1	ps
Min. Directivity	50	dB
Min. Return Loss	45	dB
Max. Optical Power (Continuous Wave)	500 (higher power available upon request)	mW
Max. Tensile Load	5	N
Fiber Type	SMF-28e	
Operating Temperature	-5 to +70	°C
Storage Temperature	-40 to +85	°C
Package Dimension	Φ5.5×L35	mm

Note

* For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower.

* Specifications may change without notice.

Ordering Information

DWDM-AAA-BB-C-DD-EE

AAA	BB	C	DD	EE
Channel Spacing	Center Wavelength (ITU Grid)	Fiber Jacket	Fiber Length	Connector
100 - 100GHz	01 - CH01	B - 250um Bare	05 - 0.5m	NE - None
200 - 200GHz	02 - CH02	Fiber	08 - 0.8m	FA - FC/APC
	...	L - 900um Loose	10 - 1.0m	FP - FC/PC
	60 - CH60	Tube	15 - 1.5m	SA - SC/APC
			SS - Specify	SP - SC/PC
				LA - LC/APC
				LP - LC/PC
				SS - Specify