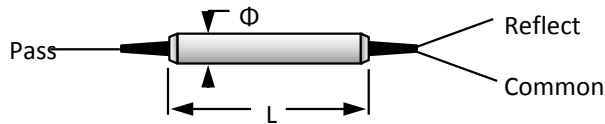


Coarse Wavelength Division Multiplexer (CWDM)

The Coarse Wavelength Division Multiplexer (CWDM) 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 CWDM systems.



Features

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

Applications

- CWDM System
- PON
- Optical Communications

Performance Specification

Parameter	Value	Unit
Center Wavelength	ITU, ITU+1	nm
Passband	±6.5	nm
Max. Insertion Loss (Common to Pass)	0.6	dB
Max. Insertion Loss (Common to Reflect)	0.4	dB
Min. Channel Isolation (Common to Pass)	30	dB
Min. Channel Isolation (Common to Reflect)	12	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	∅5.5×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

CWDM-A-BB-C-DD-EE

A	BB	C	DD	EE
CWDM Type	Center Wavelength (ITU Grid)	Fiber Jacket	Fiber Length	Connector
1 - 1460-1620nm	01 - CH01	B - 250um Bare Fiber	05 - 0.5m	NE - None
2 - 1260-1620nm	02 - CH02		08 - 0.8m	FA - FC/APC
	...	L - 900um Loose Tube	10 - 1.0m	FP - FC/PC
	60 - CH60		15 - 1.5m	SA - SC/APC
			SS - Specify	SP - SC/PC
				LA - LC/APC
				LP - LC/PC
				SS - Specify