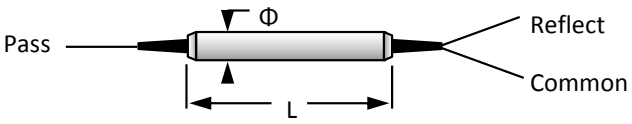
Filter WDM C/L Band

The C/L Band Filter Wavelength Division Mulitplexer (WDM) is based on thin-film filter technology. It provides C band and L band wavelength division multiplexing function. You can use it as C L band wavelength combiner or splitter.



Features

Low Insertion Loss
High Isolation
High Power Available

Applications

WDM System
CATV
Lab & Research

Performance Specification

Parameter		Value	Unit
Pass Band	Wavelength	C Band (1500-1564)	nm
	Insertion Loss	0.6 (Typ.), 0.8 (Max.)	dB
	Isolation	30 (Typ.), 25 (Min.)	dB
Reflection Band	Wavelength	L Band (1570 - 1610)	nm
	Insertion Loss	0.4 (Typ.), 0.6 (Max.)	dB
	Isolation	15 (Typ.), 12 (Min.)	dB
Max. PDL		0.1	dB
Max. Channel Flatness		0.3	dB
Min. Directivity		55	dB
Min. Return Loss		50	dB
Max. Wavelength Thermal Stability		0.003	dB
Max. Optical Power (Continuous Wave)		300 (higher power available upon request)	mW
Max. Tensile Load		5	N
Fiber Type		SMF-28e Fiber	
Operating Temperature		-5 to +70	℃
Storage Temperature		-40 to +85	℃
Package Dimension		Φ5.5×L35	mm

Note

** Above specifications are for device without connector. For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.*
** Specifications may change without notice.*

Ordering Information

FWDM-AAAA/AAAA-B-CC-DD

AAAA/AAAA	B	CC	DD
Wavelength	**Fiber Jacket**	**Fiber Length**	**Connector**
C/L - C Band Pass /L Band Reflect L/C - L Band Pass/C Band Reflect S/S- Specify	B - 250um Bare Fiber L - 900um Loose Tube	05 - 0.5m 08 - 0.8m 10 - 1.0m 15 - 1.5m SS - Specify	NE - None FA - FC/APC FP - FC/PC SA - SC/APC SP - SC/PC LA- LC/APC LP - LC/PC SS - Specify

sales@of-link.com
RoHS