



1550/2000nm WDM Filter

FEATURES

- High Isolation
- Low Insertion Loss
- Epoxy-Free Optical Path
- High Reliability and Stability
- Low Profile Packaging

APPLICATIONS

- Broadband Systems
- Optical Amplifying Systems
- Telecommunication Networks
- Metro Networks
- CATV Networks



SPECIFICATIONS

Parameters	Unit	Value	
Pass Channel Wavelength Range λ_1	nm	1950+/-30 2000+/-50 2050+/-20	
Reflective Channel Wavelength Range λ_2	nm	1520~1580	
Insertion Loss	Pass Channel@ λ_1	dB	≤1.2
	Reflective Channel@ λ_2	dB	≤1.0
Isolation	Pass Channel@ λ_2	dB	≥25
	Reflective Channel@ λ_1	dB	≥12
Optical Return Loss	dB	≥45	
Directivity	dB	≥50	
Polarization Dependent Loss	dB	≤0.2	
Fiber Type	-	SMF-28 Fiber or SM1950 Fiber	
Fiber Tensile Load	N	5	
Maximum Optical Power (CW)	mW	300	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	mm	(Φ)5.5x35	

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.3dB higher, RL is 5dB lower.
 3. Devices for higher optical power or with other type fiber or consigned fiber are also available.

ORDERING INFORMATION

FFWM-	NN	NN	- (C)	- (C)	C	NN	- CC/CCC
Reflective Wavelength	Pass Wavelength	1550nm Port Fiber	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type	
15=1550nm	20=2000nm 95=1950nm 25=2050nm	V= SM1950 Fiber Blank for SMF-28 Fiber	V= SM1950 Fiber Blank for SMF-28 Fiber	B= Bare Fiber L= Loose Tube	10=1.0m 15=1.5m 20=2.0m	N =Without Connector FC/APC=FC/APC Connector LC/PC =LC/PC Connector	