



# 980/1030~1080nm High Power 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 $\lambda_1$	nm	980+/-10
Reflective Channel Wavelength Range $\lambda_2$	nm	1030+/-10, 1040+/-10, 1050+/-10 1060+/-10, 1080+-10
Insertion Loss over $\lambda_1$ @ Pass Channel	dB	$\leq 1.0$
Insertion Loss over $\lambda_2$ @ Reflective Channel	dB	$\leq 0.8$
Isolation over $\lambda_1$ @ Reflective Channel	dB	$\geq 12$
Isolation over $\lambda_2$ @ Pass Channel	dB	$\geq 25$
Optical Return Loss	dB	$\geq 50$
PDL	dB	$\leq 0.1$
Fiber Type	-	HI1060 Fiber
Fiber Tensile Load	N	5
Maximum Optical Power (CW)	W	1, 2, 5, 10 or customer specify
Operating Temperature	°C	0~70
Storage Temperature	°C	-40~85
Package Dimension	mm	( $\Phi$ )5.5x35

- Note:**
1. Specifications are for devices without the connectors
  2. For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, Optical Power will be only 1W.
  3. Devices for higher optical power and pulse power are also available per request.

## ORDERING INFORMATION

FFWM- NN	NN	-HP N	- C	NN	- CC/CCC
Reflective Channel Wavelength	Pass Channel Wavelength	Optical Power	Fiber Sleeve	Fiber Length	Connector Type
03=1030nm	98=980nm	1= 1W	B= Bare Fiber	10=1.0m	N =Without Connector
04=1040nm		2= 2W	L= Loose Tube	15=1.5m	FC/APC=FC/APC Connector
05=1050nm		10= 10W		20=2.0m	LC/PC =LC/PC Connector
06=1060nm					
08=1080nm					