



980/1030/1040/1050/1060/1080nm PM 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	Standard	High ER Type
Pass Channel Wavelength Range λ1	nm	980+/-10	
Reflective Channel Wavelength Range λ2	nm	1030+/-10, 1040+/-10, 1050+/-10 1060+/-10, 1080+/-10	
Insertion Loss over λ1 @ Pass Channel	dB	≤1.0	≤1.2
Insertion Loss over λ2 @ Reflective Channel	dB	≤0.8	
Isolation over λ1 @ Reflective Channel	dB	≥12	
Isolation over λ2 @ Pass Channel	dB	≥25	
Optical Return Loss	dB	≥50	
Extinction Ratio	dB	≥20	≥22
Fiber Type	Common and Ref. Port	-	PM 980 Panda Fiber
	Pass Port (980nm)	-	PM 980 Panda Fiber or HI1060 Fiber
Polarization Alignment	-	Slow Axis	
Fiber Tensile Load	N	5	
Maximum Optical Power (CW)	mW	300	
Operating Temperature	°C	0~70	
Storage Temperature	°C	-40~85	
Package Dimension	mm	(Φ)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, and ER will be 2dB lower.
 3. High ER type can only work in slow axis and fast axis is blocked.
 4. Devices for higher optical power and pulse power are also available per request.

ORDERING INFORMATION

FPWM- NN	NN	-	C	C	-	N	C	NN	-	CC/CCC
Reflective Wavelength	Pass Wavelength	Fiber at 980nm Port	Type	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type			
03=1030nm	98=980nm	P= PM Panda Fiber	S=Standard	2= 250um Panda Fiber	B= Bare Fiber	10=1.0m	N =Without Connector			
04=1040nm		H= HI1060 Fiber	H=High ER Type		L= Loose Tube	15=1.5m	FC/APC=FC/APC Connector			
05=1050nm						20=2.0m	LC/PC =LC/PC Connector			
06=1060nm										
08=1080nm										