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서울시 송파구 가락동 10-9 현성 B/D 2F

RoHS Compliant

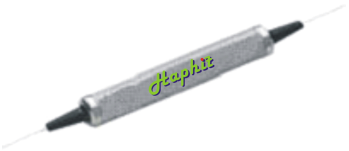
980/1020~1092nm PM WDM Filter

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, 1020+/-5, 1030+/-10, 1040+/-10,	
Reflective Channel Wavelength Range λ2		nm	1053+/-10, 1064+/-10, 1080+/-10, 1092+/-5	
Insertion Loss over λ1 @ Pass Channel		dB	≤1.0	≤1.2
Insertion Loss overλ2 @ 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 Signal Port	-	PM980 Panda Fiber or 10/125um PM Fiber	
	Pump Port (980nm)	-	PM980 Panda Fiber or HI1060 Fiber 10/125um PM Fiber or 10/125um Fiber	
Polarization Alignment		-	Slow Axis	
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 0.5dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.

3. Devices for higher optical power or with other type fiber or consigned fiber (For example: 6/125um, 20/125um or 25/250um, etc.) are also available; Devices can only work in the core of Double Cladding (DC) Fiber.

4. High ER type can only work in slow axis at pass port.

ORDERING INFORMATION

FPWM- NN NN - C(C) C - C C NN - CC/CCC

Reflective Wavelength	Pass Wavelength	980nm Port Fiber	Type	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
03=1030nm	98=980nm	P= PM980 Fiber	S=Standard	2= PM980 Fiber	B= Bare Fiber	10=1.0m	N =Without Connector
04=1040nm	03=1030nm	H= HI1060 Fiber	H=High ER Type	E=10/125 PM Fiber	L= Loose Tube	15=1.5m	FC/APC=FC/APC Connector
05=1053nm	04=1040nm	E=10/125 PM Fiber		O=10/125PMDC Fiber		20=2.0m	LC/PC =LC/PC Connector
06=1064nm	05=1053nm	O=10/125PMDC Fiber					
08=1080nm	06=1064nm	EH=10/125 Fiber					
98=980nm	08=1080nm	0H=10/125DC Fiber					