RoHS Compliant

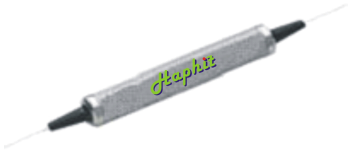
980/1030~1080nm PM WDM for Pulse Power

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 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	≥18	≥20
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	
Max. Average Optical Power		W	0.3, 0.5, 1, 5, 10	
Max. Peak Power for pulse		kW	0.1, 1, 5, 10	
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. High ER type can only work in slow axis and fast axis is blocked.

3. Devices for higher average optical power and higher peak power are also available per request.

ORDERING INFORMATION

FPWM-NN	NN	-	C	C	-H	NN	P	NN	-	N	C	NN	-	C
Reflective Wavelength	Pass Wavelength		Fiber at 980nm Port	Type		Aveage Power		Peak Power		Fiber Type	Fiber Sleeve	Fiber Length		Connector Type
03=1030nm	98=980nm		P= PM Panda Fiber	S=Standard		03=300mW		01=100W		2= 250um	B= Bare Fiber	10=1.0m		N =Without Connector
04=1040nm			H= HI1060 Fiber	H=High ER Type		1= 1W		1= 1kW		Panda Fiber	L= Loose Tube	15=1.5m		
05=1050nm						10=10W		10=10kW				20=2.0m		
06=1060nm														
08=1080nm														