

PM Fused WDM (FPWDM)

Spec. Number		
Date		
Part Number		

Specifications:

Parameter	1550/980	1550/1064	1064/980	980/1030
Operating wavelength (nm)	1550 ± 15/ 980 ± 10	1550 ± 15/ 1064 ± 10	1064 ± 5/ 980 ± 5	980 ± 5/ 1030 ± 5
Insertion loss For Signal port(dB)	≤0.7	≤0.7	≤0.7	≤0.7
Insertion loss For Pump port(dB)	≤0.5	≤0.5	≤0.5	≤0.5
Isolation(dB)	≥18	≥20	≥13	≥13
Extinction Ratio(dB)	≥18	≥18	≥17	≥17
Fiber	PM980	PM980	PM980	PM980
Directivity (dB)	≥55			
Operating temperature (°C)	-40 ~ +85			

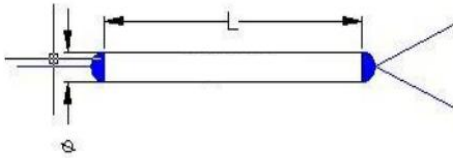
Parameter	1550/850	1550/780	1064/635	1550/635
Operating wavelength (nm)	1550±15 850±10	1550±15 780±10	1064±15 635±20	1550nm ±15 635±20
Insertion loss (dB)	≤0.6dB @1550nm ≤1.2(dB) @850nm	≤0.6(dB) @1550nm ≤1.2(dB) @780nm	≤0.6(dB)@1064nm ≤1.2(dB)@635nm	≤0.6(dB)@150nm ≤1.2(dB)@635nm
Isolation(dB)	≥25(dB)@1550nm ≥12(dB)@850nm	≥25(dB)@1550nm ≥12(dB)@780nm	≥25(dB)@1064nm ≥12(dB)@635nm	≥25(dB)@1550nm ≥12(dB)@635nm
Extinction Ratio(dB)	≥18	≥18	≥18	≥18
Fiber	PM1550	PM1550	PM980	PM1550
Directivity (dB)	≥55			
Operating temperature (°C)	-40 ~ +85			

The specifications are without connector. For devices with connectors, 0.3dB higher for IL, and 2dB lower for ER. The default connector key is aligned to slow axis.

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Configuration	2x2, 1x2		
Fiber length	0.7m, others on request		
Pigtail type	250μm bare fiber	900μm loose tube	900μm/2mm/3mm loose tube
Dimensions(φ×L)(mm)	φ3.0×L54	φ3.0×L70	L90×W20×H9.5

***** Other package dimensions can be made on customer request.**



Ordering Information

FPWDM	Wavelength	Package	Fiber type	0	Pigtail Type	Length	Connector
	5598 =1550/980 nm	1=φ3.0×L54	I=SM98-P	0	1=250um bare fiber	H= 0.5m	0=None
	5506 =1550/1064 nm	4=φ3.0×L35	S-U25D		2=900um loose tube	7= 0.7m	1=FC/UPC
	0698 =1064/980 nm	G=φ3.0×L70			3=3mm loose tube	1= 1m	2=FC/APC
	9803=980/1030 nm	A=90x20x9.5			4=2mm loose tube		3=SC/APC
							4=SC/UPC
							6=LC/PC
							7=LC/APC