

Short Wavelength Fused WDM Coupler (SWDM)

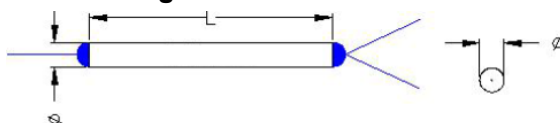
Features:
Low insertion loss High Isolation High stability and reliability
Application:
Fiber Laser & Amplifier

Specifications

Parameter	Value				
Operating wavelength (nm)	980/1030	980/1064	1064/1550	635/1064	635/1550
Operating bandwidth (nm)	±5			633-658 1064±10	633-658 1550±20
Insertion loss (dB)	≤0.4	≤0.4	≤0.4	≤1.5(635nm) ≤0.4(1064nm)	≤1.5(635nm) ≤0.4(1550nm)
Isolation (dB)	≥14	≥14	≥17	≥10 (635nm) ≤18(1064nm)	≤10(635nm) ≤18 (1550nm)
PDL(dB)	≤0.15				
Directivity (dB)	≥55				
Operating temperature (°C)	-40 ~ +85				
Fiber	HI1060FLEX or HI1060		Hi1060flex or 10/125 SCF	SMF-28e	
Configuration	1×2 or 2×2				
Pigtail	250um bare fiber		900um loose tube		
Package Dimension(mm)	Φ3.0×60		Φ3.0×60		

*The above specification is without connector.

Package Dimensions



Ordering Information

SWDM	Wavelength	Port	Grade	Package	Fiber type	Pigtail Type	Length	Connector
	9803=980/1030	1=1x2	A=A Grade	1=φ3.0×L54	1=SMF-28e	0=250um bare fiber	H=0.5m	0=None
	9806=980/1064	2=2x2	P=P Grade	3=φ3.0XL60	2=HI1060	1=900um loose tube	8=0.8m	1=FC/UPC
	0655=1064/1550			A=90x20x9.5	3=HI1060FLEX	2=2mm loose tube	1=1.0m	2=FC/APC
	0663=1064/635			S=Other		3=3mm loose tube	S=other	3=SC/APC
	5563=1550/635							4=SC/UPC
								5=ST/PC
								6=LC/PC
								7=LC/APC
								8=E2000
								APC
								S=other