

SM Filter Splitter

Features:

 Low Insertion Loss & High Isolation
 High Stability and Reliability

Application:

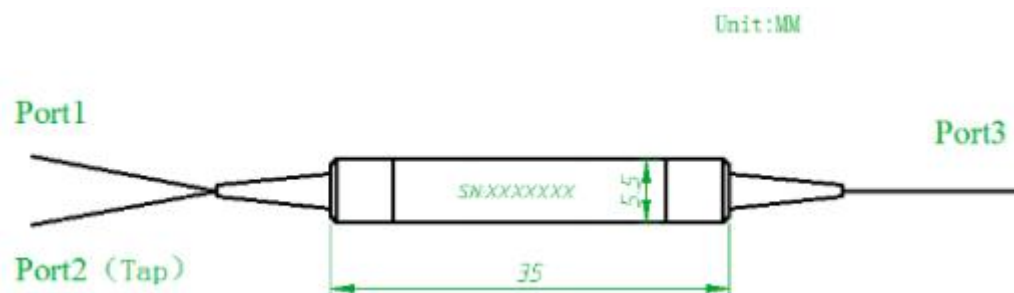
 Fiber Laser & Amplifier
 Fiber Instrument

Specifications:

Parameter	Value			
Port	1x2, 2x2			
Operating Wavelength(nm)	1310,1550	980, 1064	850	780
Operating Wavelength Range (nm)	±40	±40	±40	±10
Tap Ratio (Port 2 and Port4) (dB)	1±0.2%, 5±1.0%, 10%, 20%, 30%,40% and 50%			
Excess Loss (dB)	≤0.8 (1x2)	≤1.0(1x2)		
	≤1.0(2x2)	≤1.2(2x2)		
Uniformity (only for 50/50) (dB)	≤0.8			
PDL(dB)	≤0.10			
Return Loss (dB)	≥50			
Dirctivity(dB)	≥50			
Power Handling (mW)	300			
Fiber Type	SMF-28e	HI1060	HI780	
Operating Temperature (°C)	0 ~ +70			
Storage Temperature(°C)	-40 ~ +85			
Dimensions (mm)	STD PKG :φ5.5×L35 SUS or φ 4.0x <30 (GLASS Tube)			
	φ 3.8x32 SUS or Φ3.2×<L25(Glass tube)			

*Above specifications are for devices without the connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower

Packing Dimensions:


Ordering Information:

SMFC	Wavelength	Coupling Ratio	0	Port	Package Type	Pigtail Type	Length	Connector
	0850=850nm	1=1%		1=1x2	1=P1(5.5	1=250um	H=0.5m	0=None
	0980=980nm	2=2%		2=2x2	*35)	bare fiber	7=0.7m	1=FC/UPC
	1064=1064nm	5=5%			2=P2(4.0	2=900um	1=1.0m	2=FC/APC
	1310=1310nm	A=10%			≤30)	loose tube	S=Specify	3=SC/APC
	1550=1550nm	B=20%			3=3.8x32	3=3mm		4=SC/UPC
	3155=1310&1	C=30%				loose tube		6=LC/UPC
	550nm	D=40%				4=2mm		7=LC/APC
		E=50%				loose tube		S=Specify