

## 1X2 MultiMode Filter Coupler

<b>Features:</b>
Low Insertion Loss & High Isolation High Stability and Reliability
<b>Application:</b>
Fiber Amplifier Fiber Laser Fiber Instrument

**Specifications:**

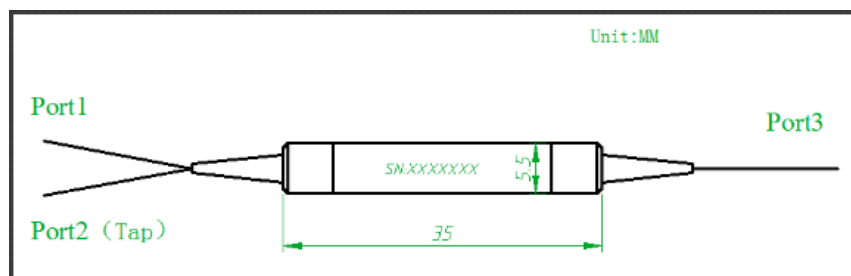
Parameter	Value	
Operating Wavelength(nm)	1310 (1550) ±40; 850 (980,1064) ±30;	1260~1620
Excess Loss (dB)	≤0.8	≤1.0
Uniformity (only for 50/50) (dB)	≤0.6	≤0.8
Insertion Loss for Tap port (dB)	Tap 1%	19.2-23.0
	Tap 2%	16.2-18.5
	Tap 5%	12.2-14.5
	Tap 10%	9.2-11.2
	Tap 20%	6.2-8.0
	Tap 30%	5.0-5.8
	Tap 40%	4.0-4.8
Tap 50%	3.0-4.0	
PDL(dB)	≤0.15	
Directivity (dB)	≥30	
Return Loss (dB)	≥30	
Power Handling (mW)	≤500	
Fiber Type	MMF 62.5/125, MMF 50/125, MMF105/125	
Operating Temperature (°C)	0 ~ +70	
Storage Temperature(°C)	-40 ~ +85	
Dimensions (mm)	φ 5.5 × L35	

\*Above specifications are for devices without the connectors.

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

\*All of the data is tested by DFB laser

**Packing Dimensions:**



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**Ordering Information:**

MM FC	Wavelength	Coupling Ratio	Fiber Type	0	Package Type	Pigtail Type	Length	Connector
	0850=850nm	1=1%	1=MMF 50/125	0	1=P1(5.5*35)	1=250um	H=0.5m	0=None
	0980=980nm	2=2%	2=MMF 62.5/125		2=P2(4.0*≤30)	bare fiber	8=0.8m	1=FC/UPC
	1064=1064nm	5=5%	3=MMF 105/125		3=P3(90*20*9.5)	2=900um	1=1.0m	2=FC/APC
	1310=1310nm	A=10%				loose tube	5=1.5m	3=SC/APC
	1550=1550nm	B=20%				3=3mm	2=2.0m	4=SC/UPC
	3155=1260~1620nm	C=30%				loose tube	3=3.0m	5=MU
		D=40%				4=2mm	4=4.0m	6=LC/UPC
		E=50%				loose tube	A=2.5m	7=LC/APC
						S=Specify	B=5.0m	S=Specify
							S=Specify	