

1x2(2x2) PM Filter Coupler-1900, 1950, 2000, 2050, 2100nm

Features

Low Excess Loss
High Extinction Ratio
High Stability and Reliability

Applications

Fiber Laser
Fiber Amplifier
Testing Equipment

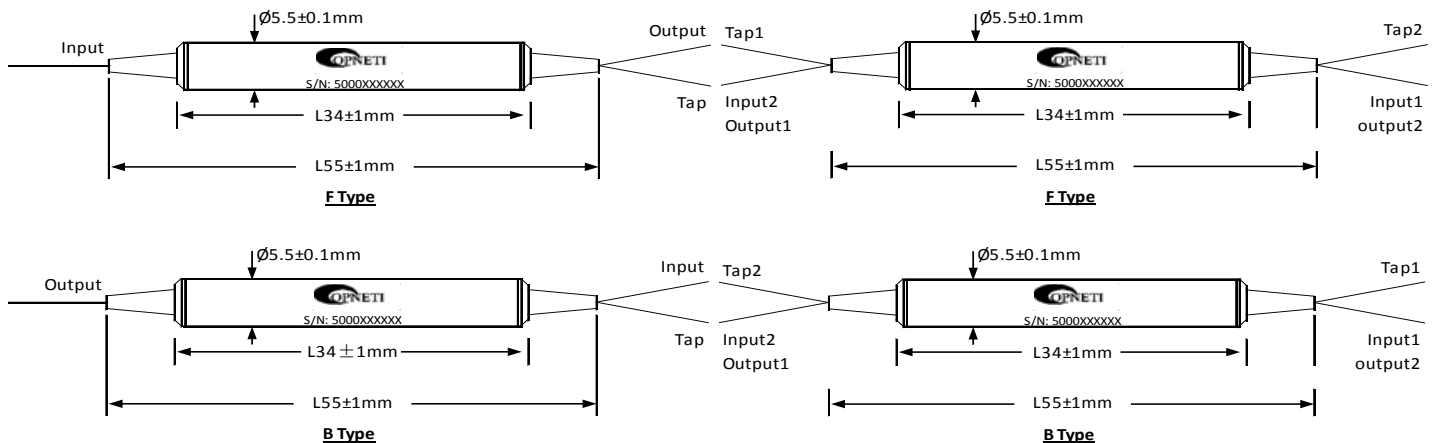
Specifications

Parameters		Unit	1X2	2X2
Center Wavelength		nm	1900, 1950, 2000, 2050, 2100	
Operating Wavelength Range		nm	±40	
Excess Loss		dB	≤1.2	≤1.5
Uniformity (only for 50/50)		dB	≤0.6	≤0.8
Tap Ratio (Port 2/4)		%	1±0.2%, 2±0.4%, 5±1.0%, 10%, and 50%	
Extinction Ratio		dB	≥18	
Return Loss		dB	≥50	
Power Handling		mW	≤500	
Fiber Type	Tap Port 2/4		SMF-28e, SM1950, PM1550, PM1950	
	Port 1/3		PM1550, PM1950	
Operating Temperature		°C	0 ~ +65	
Storage Temperature		°C	-40 ~ +85	
Dimensions		mm	φ5.5×L34	

*For devices with connectors, IL+0.3dB, RL-5dB, ER-2dB.

*The default connector key is aligned to slow axis.

Package Dimensions



Ordering Information

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①	Type	1x2; 2x2;
②	Wavelength	1900; 1950; 2000; 2050; 2100;
③	Coupling Ratio	1/99; 2/98; 3/97;; 50/50;
④	Axis Alignment	F=Fast Axis Blocked; B=Both Axis Pass;
⑤	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube;
⑥	Fiber at Tap Port	1=SMF-28e; S9=SM1950; P15=PM1550; P9=PM1950;
⑦	Length	1=1m;
⑧	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;