

Polarization Maintaining WDM/Tap Coupler Hybrid Combination

(980/1030nm; 980/1064nm; 980/1550nm; 1030/1550; 1064/1550; 1480/1550nm; 2000/1570nm)

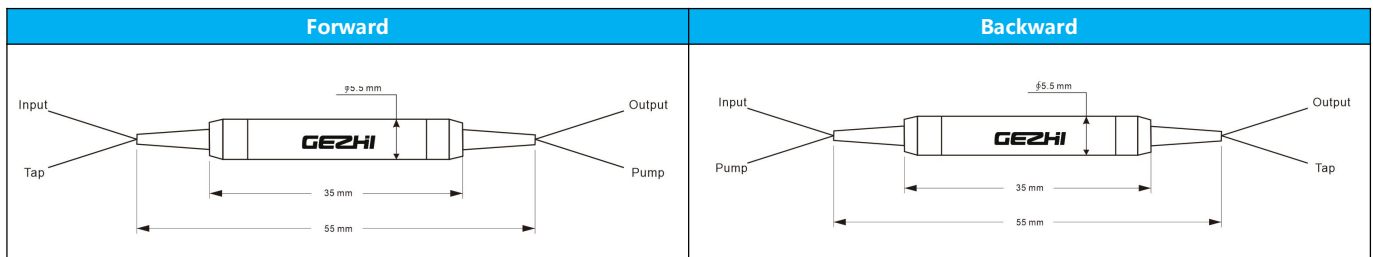
Features	Applications
<ul style="list-style-type: none"> ● Low Insertion Loss ● High Return Loss ● High Extinction Ratio 	<ul style="list-style-type: none"> ● Fiber Lasers ● Fiber Amplifiers ● Fiber Optic Systems

Specifications

Parameters	Unit	Values				
Type	nm	980/1030, 980/1064	980/1550	1030/1550, 1064/1550	1480/1550	2000/1570
Signal Wavelength Range	nm	1020~1080	1520~1580	1520~1580	1535~1565	1950~2050
Pump Wavelength Range	nm	960~990	960~990	1020~1080	1470~1490	1560~1580
Excess Loss	dB	≤1.2	≤1.0	≤1.0	≤1.0	≤1.2
Signal Tap Ratio	dB	1±0.2%, 5±1%, 50±2%				
Signal Channel Isolation	dB	≥25	≥30	≥25	≥25	≥25
Pump channel Isolation	dB	≥15	≥15	≥15	≥15	≥12
Extinction Ratio at 23°C	dB	≥18				
Return Loss	dB	≥50				
Wavelength Thermal Stability	nm/°C	≤0.003				
Insertion Loss Thermal Stability	dB/°C	≤0.005				
Max Power Handling (CW)	W	0.5, 1, 5 or 10				
Tensile Load	N	≤5				
Operating Temperature	°C	0~+70				
Storage Temperature	°C	-40~+85				
Package Dimension	mm	Φ5.5x35mm				

Note: 1.Above specifications are for device without connector, If with connector, IL will be 0.3dB higher, return loss will be reduce 5dB and Extinction Ratio will reduce 2dB.

Dimensions



Ordering Information PMTWDM-XXXX-X-X-XX-XXXX-XX-XX-XX-XX

①Wavelength:	0698=T1064/R980nm; 5598=T1550/R980; 5564=T1550R1064; 5548=T1550/R1480nm; S=Specify
②Pump Type:	F=Forward; B=Backward
③Working Axis:	B=Both axis working; F=Slow Axis working, Fast axis blocked
④Tap Ratio:	01=1%; 02=2%;; 50=50%
⑤Fiber Type for Com&Pass:	PM980; PM1550; PM1060; PM1950; S=Specify
⑥Fiber Type for Ref:	PM980; PM1550; PM1060; PM1950; SMF-28E; S=Specify
⑦Power Handling:	0L=0.5W; 01=1W; 02=2W
⑧Package Dimensions:	S1=5.5x35mm; S=Specify
⑨Pigtail Type:	00=bare fiber; 09=900um loose tube
⑩Fiber Length:	08=0.8m; 10=1m; S=Specify
⑪Connector Type:	FA=FC/APC; FP=FC/UPC; SA=SC/APC; SP=SC/UPC; S=Specify