

1x16 Polarization Maintaining Fused Coupler Module

980nm, 1064nm, 1310nm, 1550nm

Features	Applications
<ul style="list-style-type: none"> ● Low Insertion Loss ● High Return Loss ● High Extinction Ratio 	<ul style="list-style-type: none"> ● Fiber Amplifier ● Power Monitoring ● Fiber Optical Instrument

Specifications

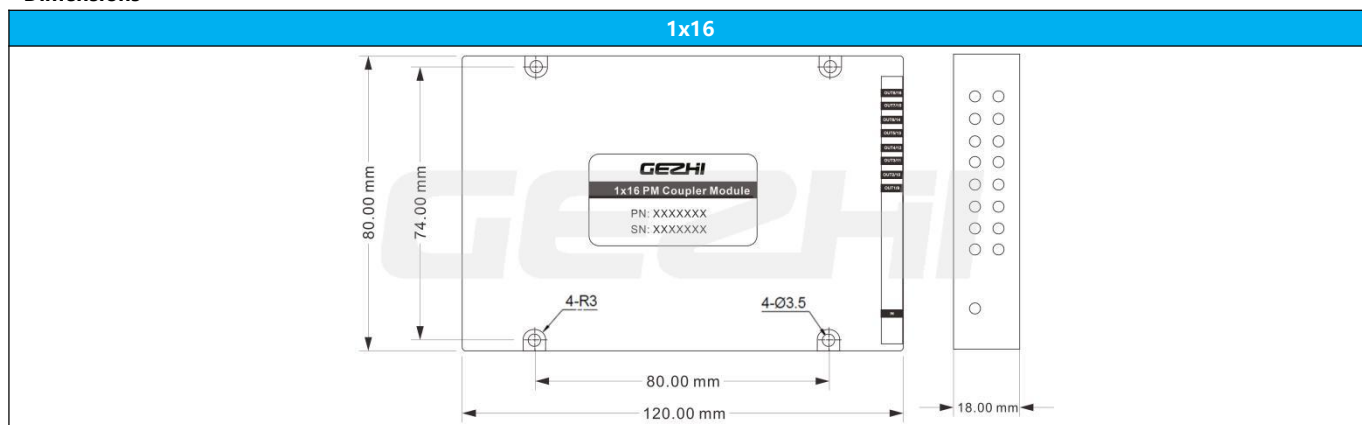
Parameters	Unit	Values			
Type	/	1x16			
Center Wavelength	nm	980	1064	1310	1550
Operating Wavelength Range	nm	±30	±30	±30	±30
Insertion Loss	dB	≤13.7	≤13.7	≤13.7	≤13.7
Extinction Ratio	dB	≥18	≥18	≥18	≥18
Wavelength Dependent Loss	dB	≤1.0	≤1.0	≤1.0	≤1.0
Uniformity	dB	≤1.2	≤1.2	≤1.2	≤1.2
Coupling Ratio	%	Equal splitting ratio			
Axis Alignment	/	Both axis working			
Return Loss	dB	≥50			
Max Power Handling (CW)	mW	500			
Tensile Load	N	≤5			
Operating Temperature	°C	-5~+75			
Storage Temperature	°C	-40~+85			
Package Dimension	mm	120x80x18mm			

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.

2. For >10W high power applications, we will use heat sink package

3. If there is pulse application, please be sure to inform us of pulse energy and peak power.

Dimensions



Ordering Information PMFBTC-XXXX-XX-XX-XX-XX-XX-XX

①Wavelength:	980=980nm; 1064=1064nm; 1310=1310nm; 1550=1550nm; S=Specify
②Configuration Type:	116=1x16
③Fiber Type:	PM980; PM1060; PM1310; PM1550; S=Specify
④Package Dimensions:	A2=120x80x18mm; S=Specify
⑤Pigtail Type:	09=900um loose tube; 20=2.0mm cable; 30=3.0mm cable
⑥Fiber Length:	08=0.8m; 10=1m; S=Specify
⑦Connector Type:	FA=FC/APC; FP=FC/UPC; SA=SC/APC; SP=SC/UPC; S=Specify