

1550nm PM Mode Field Adapter

1550nm PM Mode Field Adapter is a fiber component designed for match the two different fiber with various fiber core diameter, cladding diameter, NA, it's widely used in fiber amplifier and fiber laser field. The mode field adapter can be also used to absorb the reflection pump light to protect the signal seed light source. The input and output fiber can be customized upon request.

Application:

Fiber Laser
Fiber Amplifier
Quantum Optics
Lab And Research

Features:

Low Splicing Loss
High Power
RoHs Compliant
High Reliability



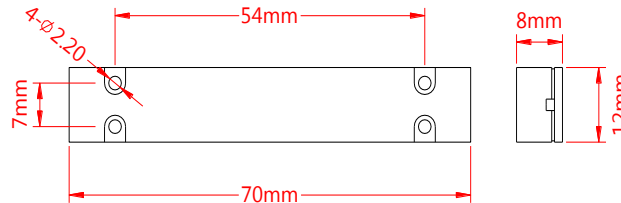
Specification:

Parameter	Symbol	Value	Unit
Operating Wavelength	λ	1530-1570	nm
Input or Output Fiber		PM 1550, 6/125, 10/125, 15/125, 20/125, 25/250, 30/250, 20/400, 25/400 PM SCF or	-
Output or Input Fiber		PM 1550, 6/125, 10/125, 15/125, 20/125, 25/250, 30/250, 20/400, 25/400 PM SCF or	-
Max. Insertion Loss	IL	0.7	dB
Min. Extinction Ratio	ER	18	dB
Max. Signal Optical Power (CW)	P	10, 20, 30 or specify	W
Operating Humidity		5-95	%RH
Operating Temperature	T	-5~70	°C
Storage Temperature	T	-40~85	°C
Package Dimension		70x12x8	mm

Notice: Above specifications are tested at center wavelength without connector in room temperature @23°C.

Mode Field Adapters are default without connector, bare fiber, if special request please contact us to confirm.

Drawing:



Ordering Information (Part Number):

PMFA- WWW - HH - FFF/FFF - FFF/FFF - LL				
WWW	HH	FFF/FFF	FFF/FFF	LL
Signal Wavelength	Handling Signal Power	Input Fiber Type	Output Fiber Type	Fiber Length
1550 - 1550nm	10 - 10W	PM15 - PM 1550	PM15 - PM 1550	05 - 0.5m
	20 - 20W	6/125 - 6/125um	6/125 - 6/125um	08 - 0.8m
	30 - 30W	10/125 - 10/125um	10/125 - 10/125um	10 - 1.0m
	SS - Specify	15/125 - 15/125um	15/125 - 15/125um	15 - 1.5m
		20/125 - 20/125um	20/125 - 20/125um	20 - 2.0m
		25/250 - 25/250um	25/250 - 25/250um	SS - Specify
		30/250 - 30/250um	30/250 - 30/250um	
		20/400 - 20/400um	20/400 - 20/400um	
		25/400 - 25/400um	25/400 - 25/400um	
		SSS/SSS - Specify	SSS/SSS - Specify	