

## 1064nm Mode Field Adapter

1064nm 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



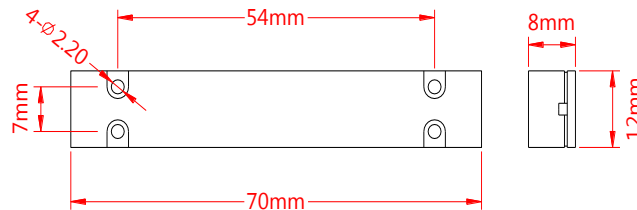
### Specification:

Parameter	Symbol	Value	Unit
Operating Wavelength	$\lambda$	1000-1100	nm
Input or Output Fiber		HI 1060, 6/125, 10/125, 15/125, 20/125, 25/250, 30/250, 20/400, 25/400 SCF or DCF	-
Output or Input Fiber		HI 1060, 6/125, 10/125, 15/125, 20/125, 25/250, 30/250, 20/400, 25/400 SCF or DCF	-
Max. Insertion Loss	IL	0.7	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):

MFA- <b>WWWW</b> - <b>HH</b> - <b>FFF/FFF</b> - <b>FFF/FFF</b> - <b>LL</b>				
<b>WWWW</b>	<b>HH</b>	<b>FFF/FFF</b>	<b>FFF/FFF</b>	<b>LL</b>
Signal Wavelength	Handling Signal Power	Input Fiber Type	Output Fiber Type	Fiber Length
1030 - 1030nm	10 - 10W	H1 - HI 1060	H1 - HI 1060	05 - 0.5m
1040 - 1040nm	20 - 20W	6/125 - 6/125um	6/125 - 6/125um	08 - 0.8m
1050 - 1050nm	30 - 30W	10/125 - 10/125um	10/125 - 10/125um	10 - 1.0m
1053 - 1053nm	SS - Specify	15/125 - 15/125um	15/125 - 15/125um	15 - 1.5m
1060 - 1060nm		20/125 - 20/125um	20/125 - 20/125um	20 - 2.0m
1064 - 1064nm		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	