

1550nm Mode Field Adapter

1550nm 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



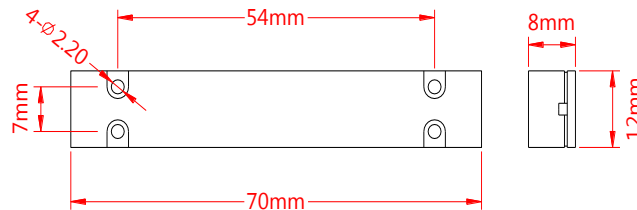
Specification:

Parameter	Symbol	Value	Unit
Operating Wavelength	λ	1530-1575	nm
Input or Output Fiber		SMF-28e, 6/125, 10/125, 15/125, 20/125, 25/250, 30/250, 20/400, 25/400 SCF or DCF	-
Output or Input Fiber		SMF-28e, 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- WWWW - HH - FFF/FFF/FFF/FFF - LL				
WWWW	HH	FFF/FFF	FFF/FFF	LL
Signal Wavelength	Handling Signal Power	Input Fiber Type	Output Fiber Type	Fiber Length
1550 - 1550nm	10 - 10W 20 - 20W 30 - 30W SS - Specify	S2 - SMF-28e 6/125 - 6/125um 10/125 - 10/125um 15/125 - 15/125um 20/125 - 20/125um 25/250 - 25/250um 30/250 - 30/250um 20/400 - 20/400um 25/400 - 25/400um SSS/SSS - Specify	S2 - SMF-28e 6/125 - 6/125um 10/125 - 10/125um 15/125 - 15/125um 20/125 - 20/125um 25/250 - 25/250um 30/250 - 30/250um 20/400 - 20/400um 25/400 - 25/400um SSS/SSS - Specify	05 - 0.5m 08 - 0.8m 10 - 1.0m 15 - 1.5m 20 - 2.0m SS - Specify