

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

Feature

Low Splicing Loss
High Power
RoHs Compliant
High Reliability



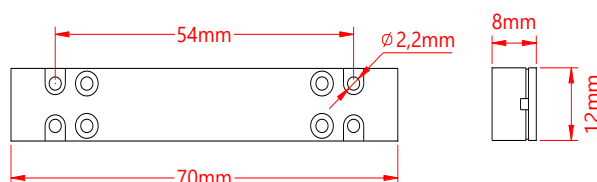
Specification:

Parameter	Symbol	Value	Unit
Operating Wavelength	λ	1510-1590	nm
Input or Output Fiber		SMF-28e, 14/125SC, SM-GDF-1550, 8/125DC, 10/125DC, 12/130DC, 25/300DC	-
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- 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
1530 - 1530nm	10 - 10W	S2 - SMF-28e	S2 - SMF-28e	05 - 0.5m
1550 - 1550nm	20 - 20W	14/125 - 14/125um	14/125 - 14/125um	08 - 0.8m
1560 - 1560nm	30 - 30W	SG15 - SM-GDF-1550	SG15 - SM-GDF-1550	10 - 1.0m
1570 - 1570nm	SS - Specify	8/125 - 8/125um	8/125 - 8/125um	15 - 1.5m
1580 - 1580nm		10/125 - 10/125um	10/125 - 10/125um	20 - 2.0m
SSSS - Specify		12/130 - 12/130um	12/130 - 12/130um	SS - Specify
		25/300 - 25/300um	25/300 - 25/300um	
		SS/SSS - Specify	SS/SSS - Specify	