

## Optical fiber Mode Field Adapter device

### Product Description

MFD and NA are very important parameters which describe a fiber feature. When we splice two kinds of fiber with different MFD and NA, splice loss will be much higher than that of same fiber. In order to deduce the loss, we develop MFA which can largely optimize splice mode, usually can get a <0.5dB, even <0.3dB loss between different fiber.

Define the direction from small MFD fiber to large MFD fiber is F-Forward, large MFD fiber to small MFD is B-Backward.

### Product Features

- Low Insertion Loss
- Excellent Environmental Stability
- High Power Handling

### Product Applications

- Fiber Laser
- Fiber Amplifier

### Specifications

NO.	Input Fiber	Output Fiber	Working Wavelength (nm)	Max. Signal IL	Max. Power Handling
1	6/125 SC or DC	10/125 SC or DC	1020-1080	0.3dB	30W
2	6/125 SC or DC	15/125 SC or DC	1020-1080	0.3dB	30W
3	6/125 SC or DC	20/125 SC or DC	1020-1080	0.5dB	30W
4	6/125 SC or DC	20/250 SC or DC	1020-1080	0.5dB	30W
5	6/125 SC or DC	30/250 SC or DC	1020-1080	0.5dB	30W
6	6/125 SC or DC	25/300 SC or DC	1020-1080	0.5dB	30W
7	6/125 SC or DC	20/400 SC or DC	1020-1080	0.5dB	30W
8	8/125 SC or DC	25/300 SC or DC	1020-1080	0.5dB	30W
9	10/125 SC or DC	15/125 SC or DC	1020-1080	0.3dB	30W
10	10/125 SC or DC	20/125 SC or DC	1020-1080	0.3dB	30W
11	10/125 SC or DC	25/250 SC or DC	1020-1080	0.3dB	30W
12	10/125 SC or DC	30/250 SC or DC	1020-1080	0.5dB	30W
13	10/125 SC or DC	20/400 SC or DC	1020-1080	0.5dB	30W

14	10/125 SC or DC	6/125 SC or DC	1020-1080	0.7dB	10W
13	20/125 SC or DC	20/400 SC or DC	1020-1080	0.7dB	10W
14	25/250 SC or DC	6/125 SC or DC	1020-1080	0.7dB	10W
15	30/250 SC or DC	6/125 SC or DC	1020-1080	0.7dB	10W
16	20/125 SC or DC	10/125 SC or DC	1020-1080	0.5dB	10W
17	25/250 SC or DC	10/125 SC or DC	1020-1080	0.7dB	10W
18	PM6/125 SC or DC	PM10/125 SC or DC	1020-1080	0.5dB	30W
19	PM6/125 SC or DC	PM20/125 SC or DC	1020-1080	0.5dB	30W
20	PM6/125 SC or DC	PM25/250 SC or DC	1020-1080	0.5dB	30W
21	PM6/125 SC or DC	PM30/250 SC or DC	1020-1080	0.5dB	30W
22	PM8/125 SC or DC	PM25/300 SC or DC	1525-1570	0.5dB	30W
23	PM10/125 SC or DC	PM25/250 SC or DC	1020-1080	0.5dB	30W
24	PM10/125 SC or DC	PM30/250 SC or DC	1020-1080	0.5dB	30W

Remark:

\* Above types are just small popular part, OF technology has total >50 types MFAs.

\* All, bare fiber, 0.8m length, please contact sales for special request.

<b>Ordering Information</b>				
<b>MFA</b>	<b>Signal direction</b>	<b>Input fiber code</b>	<b>Output fiber code</b>	<b>Fiber Length</b>
<b>1x1</b>	Forward Backward	6/125 SC or DC 10/125 SC or DC 8/125 SC or DC Specify	10/125 SC or DC 15/125 SC or DC PM30/250 SC or DC Specify	0.5m 1m 1.5m 2m Specify