

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.

| Ordering Information | | | | |
|----------------------|---------------------|----------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------|
| MFA | Signal direction | Input fiber code | Output fiber code | Fiber Length |
| 1x1 | 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 |