# 310X310μm homogenized fiber connector

## Product Description

Homogenized fiber has unique spot homogenization and disturbance characteristics. When Gaussian-distributed laser is input, it can obtain a flat-top spot with uniform energy distribution after passing through square/rectangular/octagonal fiber. At the same time, the coupling efficiency is higher than that of circular fiber. It is an ideal fiber for precision laser processing (welding, cutting, marking), astronomical observation, night vision monitoring, laser biological detection and other application

fields. This product link is the related model of homogenized bare fiber + connector jumper.

## Product features

Even energy distribution and high damage threshold 、Large core diameter energy fiber

## Part Number

MP-REV-S310-SMA/FC

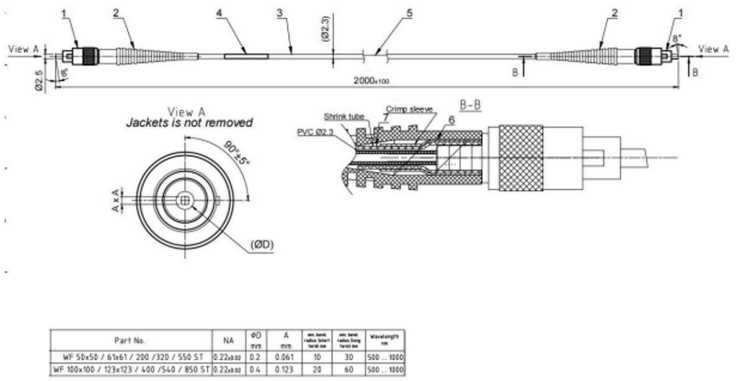
## Application area

Optical application experiment 、Laser transmission

## Core parameters

| Fiber Type | Connector Type |
| --- | --- |
| 310x310um | SMA/FC-SMA/FC/SMA905 |

## Dimension Drawing




| Part No. | NA | ØD mm | A mm | min. bend radius fixed use | min. bend radius flexible use | Wavelength nm |
|---|---|---|---|---|---|---|
| WF 50x50 / 61x61 / 200 /320 / 550 ST | 0.22±0.02 | 0.2 | 0.061 | 10 | 30 | 500 ... 1000 |
| WF 100x100 / 123x123 / 400 /540 / 850 ST | 0.22±0.02 | 0.4 | 0.123 | 20 | 60 | 500 ... 1000 |

## General Parameters

**Technical parameters:**

| Parameter | Index |
|---|---|
| Fiber Type | WU375*375μm,310X310μm, 600X600μm |
| length | L≤1m Tolerance: ±10mm 1m＜L≤3m Tolerance: ±15mm<br>3m＜L≤5m Tolerance: ±30mm<br>5m＜L Tolerance: ±30mm |
| Connector Type | SMA/FC-SMA/FC/SMA905 |

**Test diagram**