

310X310 μ m 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

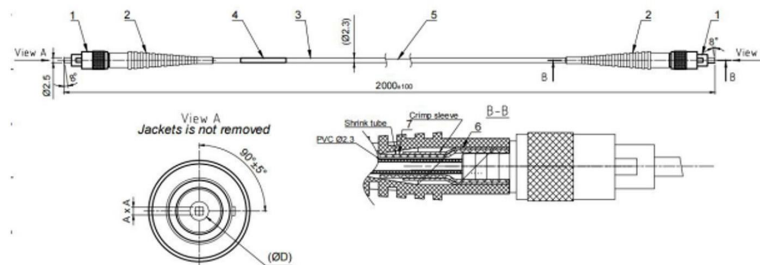
● Application area

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 (mm)	min. bend radius (in)	Weight kg
WF 50x50 / 61x61 / 200 / 320 / 550 ST	0.224±0.02	0.2	0.061	10	30	500 - 1000
WF 100x100 / 123x123 / 400 / 540 / 850 ST	0.224±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 3m<L≤5m Tolerance: ±30mm 5m<L Tolerance: ±30mm
Connector Type	SMA/FC-SMA/FC/SMA905

Test diagram

