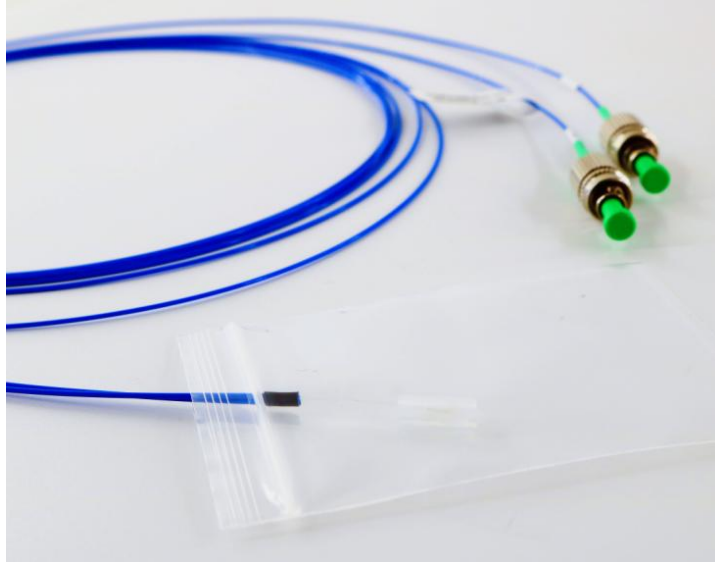


32 Channel Fiber Array



● Product Description

Customized fiber arrays of different fiber types. The fiber types we currently support include single-mode, multi-mode, polarization maintaining. At the same time, we also accept customized fiber arrays with different fiber lengths. Thanks to our many years of processing experience, we can currently provide high-precision fiber grinding and alignment, and we can also glue the fibers together and grind and polish them together. Our high-precision alignment equipment can achieve a polarization-maintaining fiber alignment with an angle deviation better than 0.5deg, and our end-face observer can ensure that the end-face grinding quality meets special application fields, such as interferometers. At the same time, our processing accuracy can reach a spacing as small as 5um. At the same time, we also customize different connectors for different application requirements of customers. Welcome to contact us for processing and customized fiber arrays.

● Part Number

FAC - A8-G127-S132-F-1-9-SA

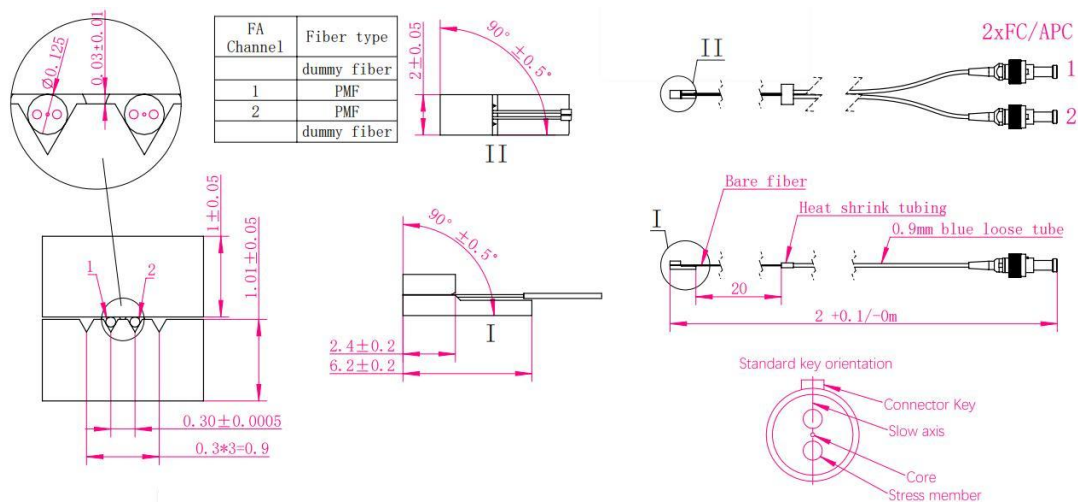
● Product features

Supports fiber types SM, MM, PM Fibers、 Any fiber length and spacing、 High precision and high reliability、 Low PDL and low insertion loss、 Compact structure

● Application area

Fiber optic sensors、 Optical switches、 Interferometers、 Splitters/combiners、 Integrated devices、 Waveguide coupling devices、 Multiplexers/demultiplexers

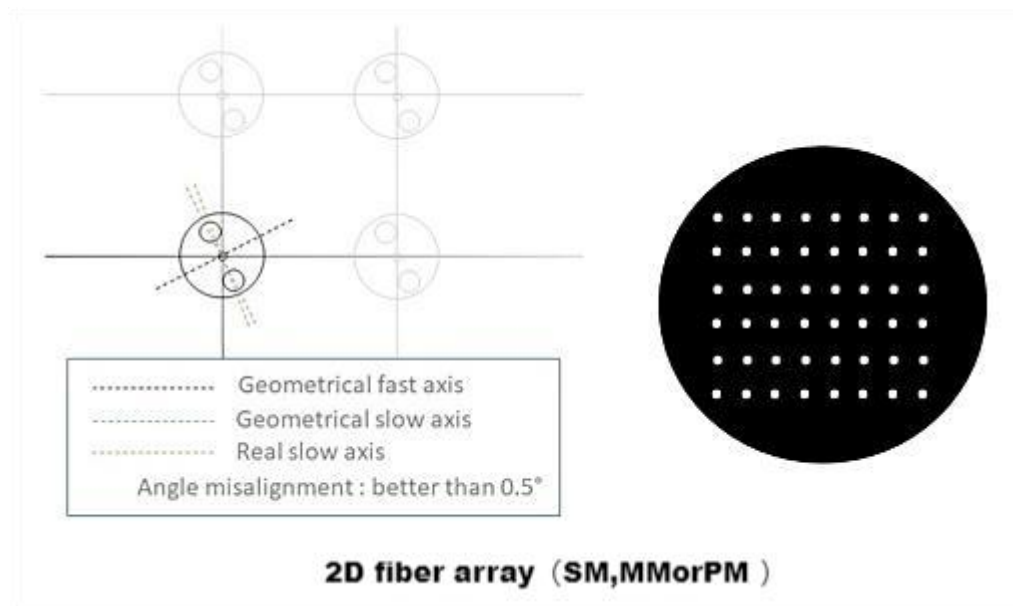
● Dimensional Drawing

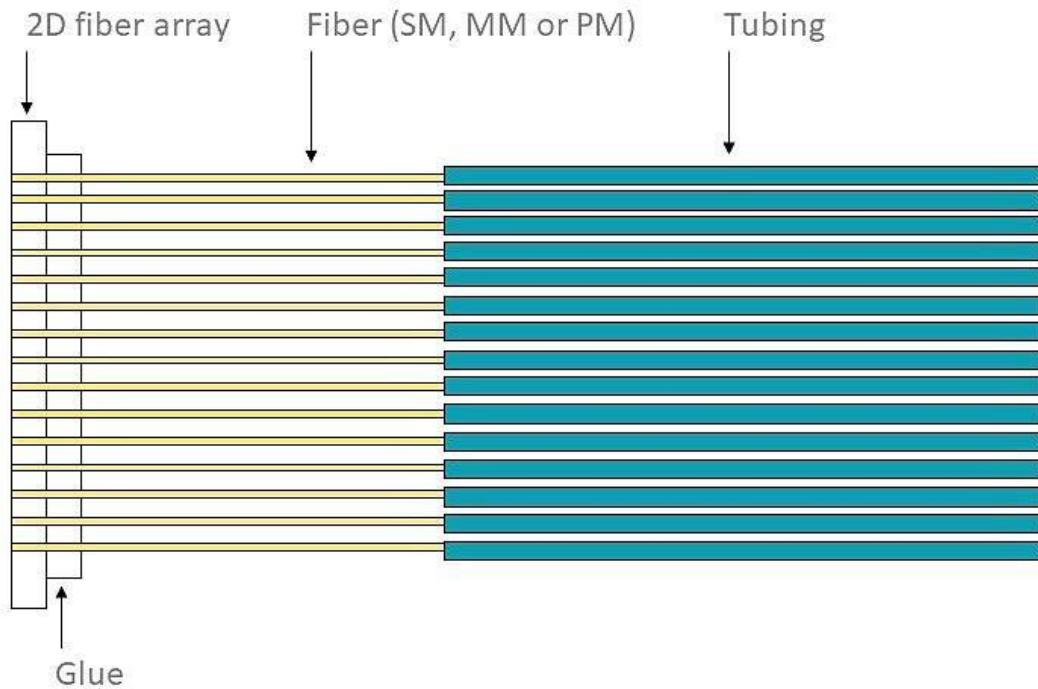


● Main Parameters:

Array size	Customization
Fiber length	From a few centimeters to hundreds of meters
Fiber type	SMF,MMF,PMF or custom
Fiber spacing	Customized according to customer needs
Array position accuracy	+/- 1 μ m (x and Y axis)
Grinding angle	0° +/-0.5°,8° +/-0.5°, custom
Fiber connector type	FC,LC,SC,SMA , ST,MU,E2000,other

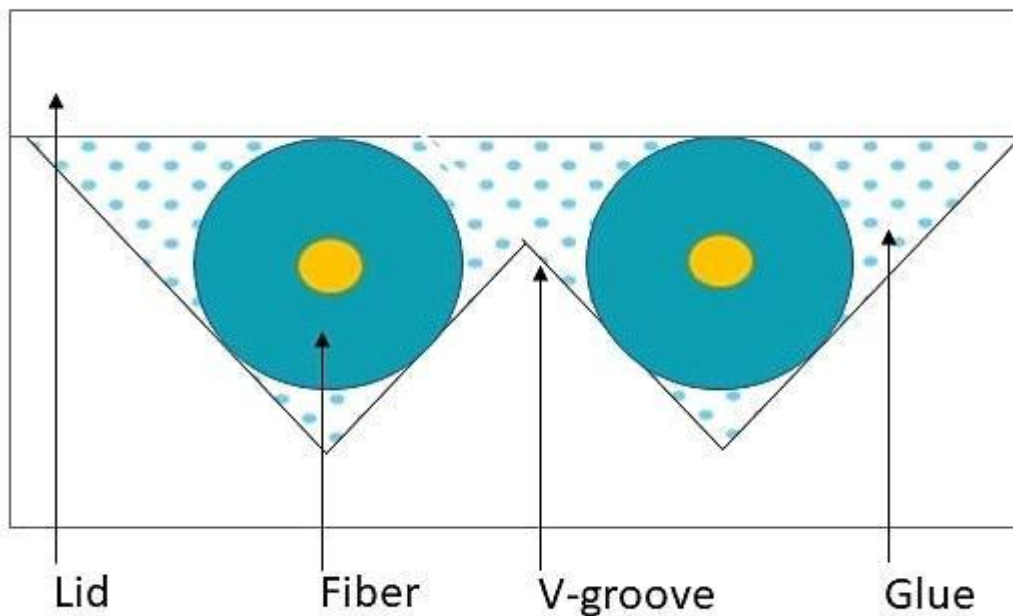
Fiber arrays are key components for connecting optical fibers to their waveguides for different applications. We provide unique assembly/cutting/polishing processes to obtain fiber core position accuracy with optimal polishing surface.





● 2D Fiber V-Groove Array

V-groove array (front view)



● Part Number and ordering

Order Info	
FAC - A□-G□□□-S□-Material▽-☆-△-XX	☆ : Pigtail Length
	05:0.5m
A□: Polished Angle	1 : 1m
0:0° 8:8°	10:10m
G□□□:Fiber spacing	△ : Loose Tube
1:1mm 2:2mm	B:Bare Fiber
S □ : Fiber Array Structure	9:900um Loose Tube
12:1x2 22:2x2 65:6x5 56:5x6	20:2mm Loose Tube
Material ▽ :	30: 2mm Loose Tube
Q: Quartz S:SiO2	XX: Fiber and Connector Type
R: Semicircular tube	SA =SMF-28E+ FC/APC
F: Square tube	SP =SMF-28E+ FC/PC
	PA =PM Fiber+ FC/APC
	PP =PM Fiber+ FC/PC