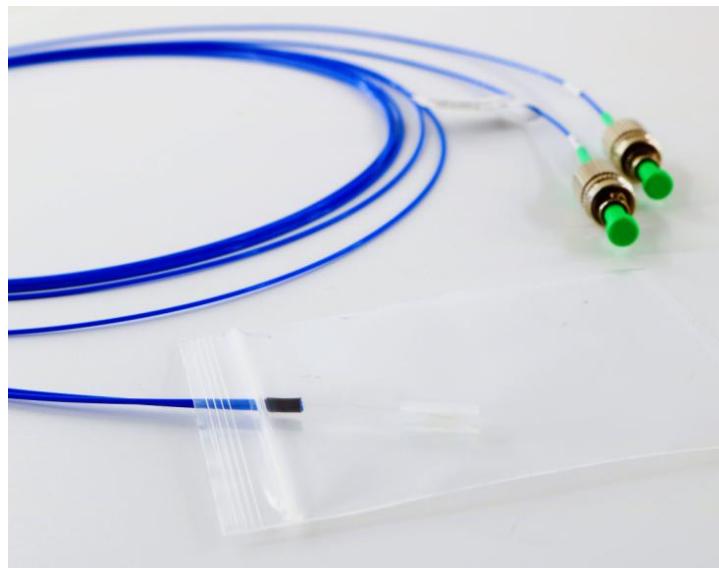


32 Channel Fiber Array



● 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.

● 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

● Part Number

MP-FAR-1×32-127-SMF-28-SA

● Application area

Fiber optic sensors 、 Optical switches 、 Interferometers 、

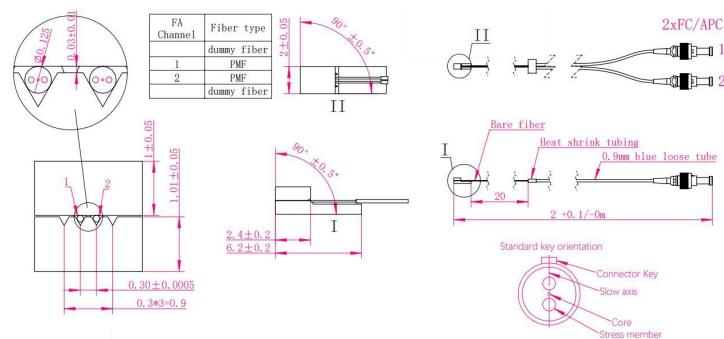
Splitters/combiners、 Integrated devices、 Waveguide coupling devices、

Multiplexers/demultiplexers

● Core parameters

Fiber Spacing	Fiber Connector
127um	FC/APCm

● Dimension Drawing



● General Parameters

Main Parameters:

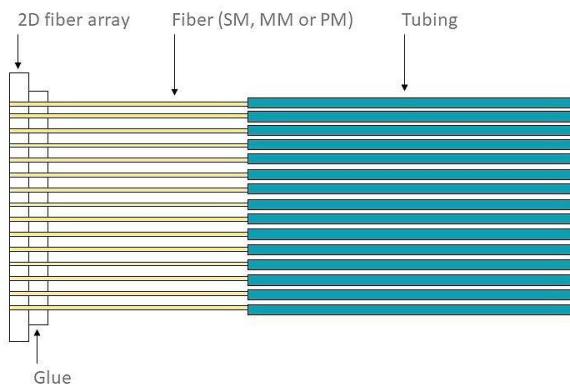
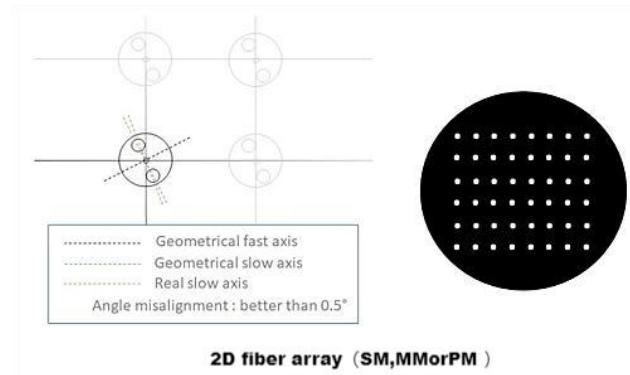
Array size	Customization
Fiber length	From a few centimeters to hundreds of meters
Fiber type	SMF,MMF,PMF or custom
Fiber spacing	Customized according to customer needs
Array position accuracy	+/- 1 um (x and Y axis)
Grinding angle	0° +/-0.5°,8° +/-0.5°, custom
Fiber connector type	FC,LC,SC,SMA , ST,MU,E2000,other

Fiber arrays are key components for connecting optical fibers to their

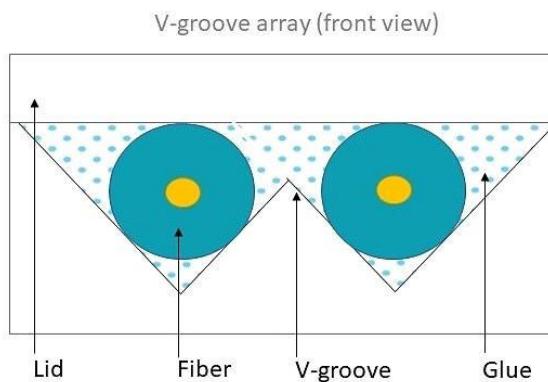
waveguides for different applications. We provide unique

assembly/cutting/polishing processes to obtain fiber core position accuracy

with optimal polishing surface.



2D Fiber V-Groove Array



Part Number and ordering

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