

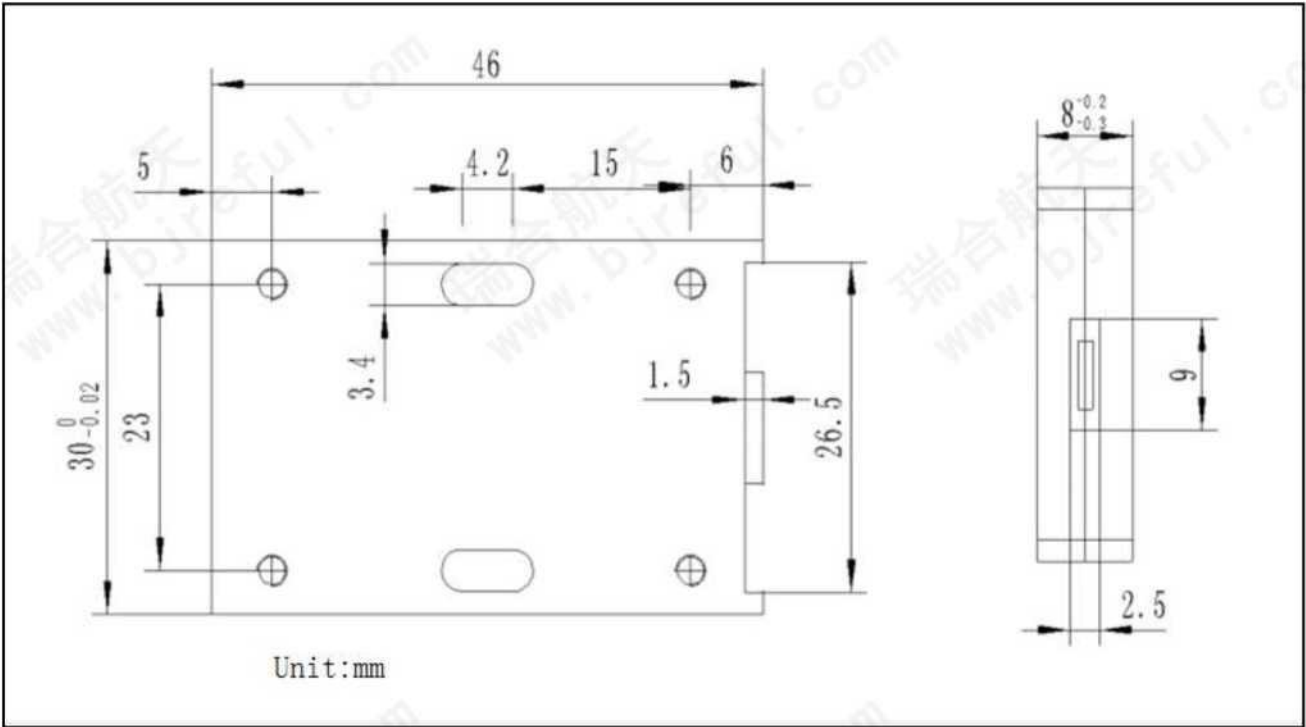
2D 光纤阵列技术参数

Specifications for 2D Fiber Array

排列方式 Arrangement styles	Square > circle Accept customization	最小排列周期 Min Channel pitch	150um Accept customization
最细光纤直径 Min Diameter of fiber	50um	光纤类型 Fiber Type	Single > Multi > PM And Double Clad Fiber
相邻中心偏差 Core position error	±2um	线性偏差 Linear error	±2um
透过率 Transmittance	>90%	光纤长度 Length of fiber	1m
适用波段 Wavelength	200-1800nm	光纤数值孔径 Numerical Aperture	0.12、0.22

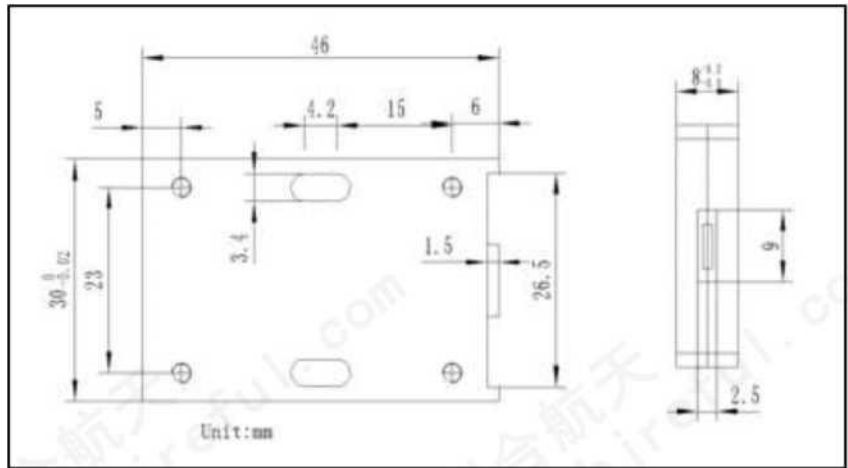
1、光纤面阵整体外观 (Appearance of 2D Fiber Array)





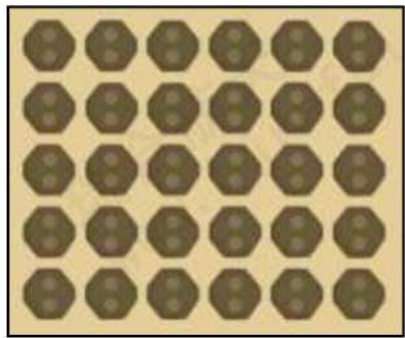
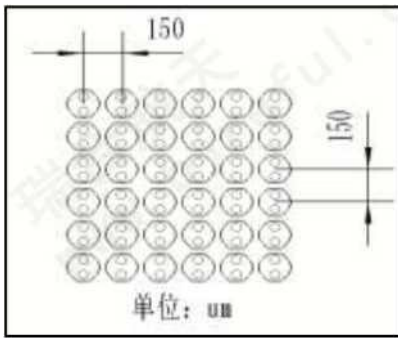
光纤面阵尺寸图(Appearance size figure of 2D Fiber Array)

2、光纤面阵保护盒(Appearance of Protection box)

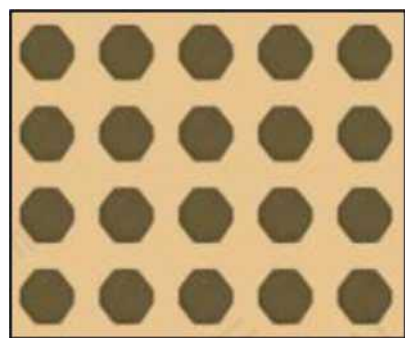
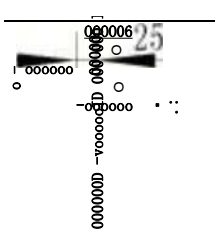


光纤面阵保护盒尺寸图(Appearance size figure of Protection box)

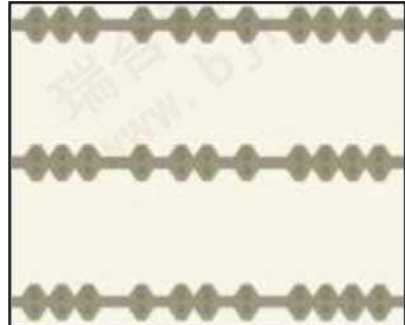
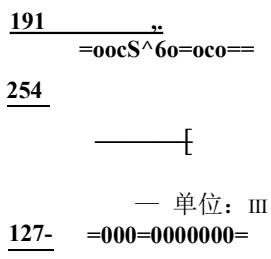
3、光纤排列实例 (Examples of 2D Fiber Array Arrangement)



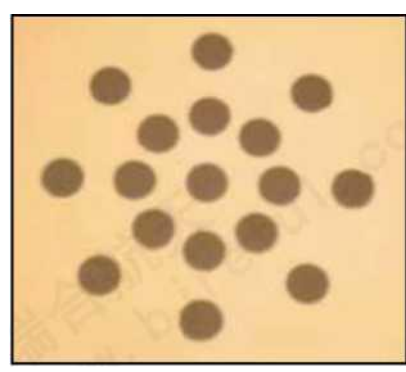
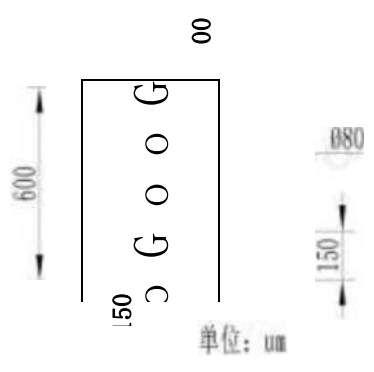
Examples 1:
 $X=Y=150\mu\text{m}$
 Arrangement accuracy: $\pm 2\mu\text{m}$
 Diameter of fiber: $125\mu\text{m}$



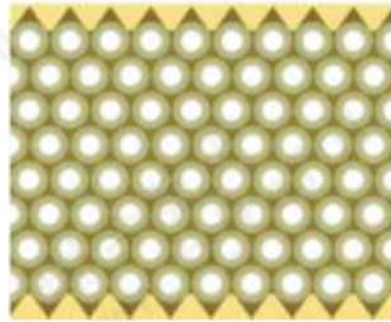
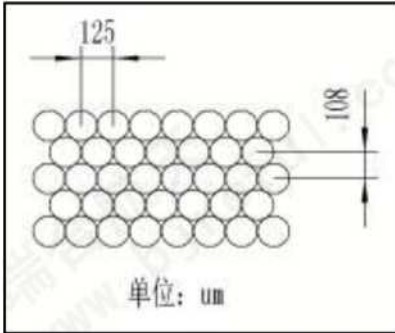
Examples 2:
 $X=Y=250\mu\text{m}$
 Arrangement accuracy: $\pm 2\mu\text{m}$
 Diameter of fiber: $125\mu\text{m}$



Examples 3:
 $X \neq Y$
 $X_1=127\mu\text{m}$ $X_2=254\mu\text{m}$
 $X_3=191\mu\text{m}$
 $Y=575\mu\text{m}$
 Arrangement accuracy: $\pm 2\mu\text{m}$
 Diameter of fiber: $125\mu\text{m}$



Examples 4:
 Circular arrangement
 Arrangement accuracy: $\pm 2\mu\text{m}$
 Diameter of fiber: $125\mu\text{m}$



Examples 5:
 $X=125\mu\text{m}$, $Y=108\mu\text{m}$
 Arrangement accuracy: $\pm 5\mu\text{m}$
 Diameter of fiber: $125\mu\text{m}$

4、光纤密排与连接器连接方式 (Appearance of entrance)

1) FC/PC FC/APC



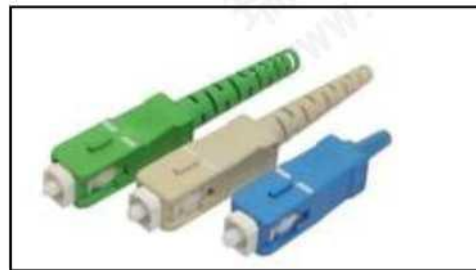
2) SMA905



3) ST



4) SC



5) Accept user customization

5、订货信息 (Ordering Information)

