

2D PM Fiber Array

Product Description

The fiber array produced by our company has the advantage of high arrangement accuracy and no accumulated error. The advantage is fully utilized in 2D polarization maintaining fiber array. 2D polarization maintaining fiber array produced by our company can transmit the polarization maintaining signal in the form of array. The regular two-dimensional dot matrix light spot will be formed in the far field by laser interference.



Performance	Parameter
Fiber Type	PM Fiber
Arrangement Styles	Line、square、circle、customizable
Wavelength(nm)	780、980、1550 etc.
Axis Alignment Style	Slow axis alignment
Axis Accuracy	$\pm 3^\circ$
Connector	FC/APC
ER	$\geq 20\text{dB}@980$



2D Fiber Array Parameter

Arrangement styles	Line、square、circle、customizable	Min Channel pitch	Accept customization
Min Diameter of fiber	50um	Fiber type	Single、Multi、PM、and double clad fiber
Pitch error	$\pm 1\mu\text{m}$	Core position error	$\pm 1\mu\text{m}$
Accumulative error	0	Transmittance	$\geq 90\%$
Wavelength	200-1800nm	Numerical Aperture	0.12、0.22

Types of arrangement

