



## 400/440um multi-mode fiber connector



### ● Product Description

Large-core fiber optic connectors offer excellent performance. Unlike the multimode fibers (50/125, 62.5/125) widely used in fiber optic communication systems, large-core fibers are typically used for transmitting higher laser power and operating in specific wavelength bands. Furthermore, due to their large core diameter and high numerical aperture, the uniformity and stability of light splitting in large-core fibers are subject to interference from various factors (such as laser mode and laser injection method). Building on years of foundational experience in



high-energy laser transmission experiments and research into the reliability of military-grade components, we can now provide fiber optic connector products with core diameters ranging from 125um to 1500um, as well as large-core fiber products operating across the full wavelength spectrum. These products possess extremely high resistance to high-power laser damage and offer excellent environmental reliability.

## ● Product features

Supports 100um, 200um, 330um, 400um, 600um core fiber processing customization 、 SMA905 high-precision connector、 Each splitter comes with its own test report 、 Operating power: 10W

## ● Part Number

MP-FOJ-VIS-IR-3-1-MM4A

## ● Application area

Visible light communication、 Power monitoring、 Optical splitter 、 Test instrument

## ● Core parameters

Wavelength	Core Diameter	Connector
300-1800nm	400/440um	FC/APC

## ● General Parameters

### Parameter

Calibration center wavelength	830nm
Operating range	300-1800nm
Insertion loss	<0.5dB
Return loss	>55dB
Fiber type	200/ 230 NA0.37 or 400/ 440 NA0.22 or 600/ 630 NA0.22 or 105/ 125 NA0.22
Structures that can be made	SMA905-SMA905
Operating power	10w
Connector	SMA905
Operating temperature	-10-+150 °C
Storage temperature	-45-+85 °C
PDL	≤0.15 dB
Homogeneity	≤1.0 dB
<b>Package size</b>	
Package size	3mm black tube
Pigtail length	0.5-10m Customizable



**Note: 1. All test results do not include connectors**

**2. We can accept customization for better parameters or other requirements**

### **Ordering Information**

**MP-FOJ-VIS-IR-C □□□ - ☆ - △ -XX**

**C□□□: Core diameter**

**100: 100um**

**200: 200um**

**300: 300um**

**400: 400um**

**600: 600um**

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**1000: 1000um**

### **Pigtail Length**

**05: 0.5m**

**1: 1m**

**10: 10m**

**△: Loose Tube**

**B: Bare Fiber**

**10: 1mm Loose Tube**



**20: 2mm Loose Tube**

**30: 3mm Loose Tube**

**XX: Fiber and Connector Type**

**MM4A=MM400/ 440+ SMA905**

**MM2A=MM200/ 220+SMA905**