

## 600um multimode fiber connector



### ● Product Description

VIS-FCL-LMA series large core fiber connectors have excellent performance. Unlike multimode fibers (50/125, 62.5/125) widely used in optical fiber communication systems, large core fibers are usually used to transmit larger laser powers and special working bands. At the same time, due to the large core diameter and high numerical aperture of the optical fiber, the uniformity and stability of the large core fiber splitting are affected by many factors (such as laser mode, laser injection method, etc.). Based on the accumulation of years of high-energy laser transmission experimental foundation and the research on the reliability of military devices, we can provide fiber connector products with core diameters of 125um to 1500um, as well as large core fiber products working at full wavelength. The products have extremely high resistance to high-power laser shock and high environmental reliability. Since its establishment, the company has continuously invested in research and development to optimize and improve the melting process of special large core fiber splitters and product packaging processes. Breakthroughs have been

made in product miniaturization, one-time melting and molding of multi-core optical fibers, and removal of laser mode sensitivity. Large core fiber splitter products have been provided to many domestic and foreign customers.

## ● Part Number

VIS-FCL-LMA-C600-1-30-MM6A

## ● 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

## ● Application area

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

## Parameters

VIS-FCL-LMA-400 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
Package size	

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

**VIS-FCL-LMA- 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