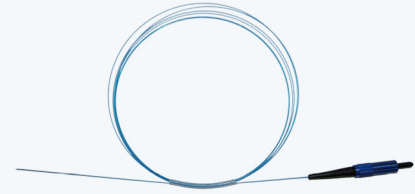


PRODUCT INTRODUCTION

Medical Fibre Pigtail



Holmium laser fibre can be used for working wavelengths of 2.14 μm in the device and system. The fibre core diameter range of 200 μm ~600 μm can provide high coupling efficiency in data connections or other connectors.

+ Features

- Large fibre core diameter can provide higher coupling efficiency with LED and laser light sources
- Adapt to a wide range of temperature and humidity changes in application environments
- Excellent fatigue resistance performance
- Excellent radiation resistance
- Compliant with biocompatibility

+ Applications

- Laser transmission
- Prostatectomy and laser lithotripsy
- Medical sensing
- Factory automation
- Laser therapy and surgery
- Near-IR spectroscopy
- Optical Pyrometry

+ Parameters

Function	Reference Data	Notes
Fibre size	SI200/240/260-22/440E, SI272/300/330-22-500E, SI365/400/430-22/550E, SI550/600/630-22/750E, etc.	Customizable
Connector type	SMA905	Customizable
Fibre end face structure	Flat head or air gap	-
Number of fibre cores	Single core, multi-core, etc.	Customizable
Length	0.3~10m	Customizable
Working wavelength	2100nm (Typical value)	Customizable
Transmission efficiency	$\geq 80\%$ @2100nm(3m)	Customizable
Operation temperature	-65 ~ +85°C	-
Screening intensity	100 kpsi	-