

中红外光纤

Mid-infrared fiber

产品描述

Product description

我们提供定制的锗酸盐中温玻璃光纤。主要用于过渡光纤,熔接石英光纤和氟化物光纤,作为中红外 $>2.1\mu\text{m}$ 波段的传能过渡光纤,该波段背景损耗 $<1\text{dB/m}$ 。总熔接损耗 $<0.5\text{dB}$ 。

We provide customized germanate medium temperature glass fiber. It is mainly used for transition optical fiber to connect silica optical fiber and fluoride optical fiber. The background loss is less than 1dB/m . The splice loss is less than 0.5dB .

产品特色

Product characteristics

低损耗
Low fiber loss

中温玻璃光纤
Medium temperature glass fiber

产品应用

Product application

过渡光纤,熔接石英光纤和氟化物光纤
Transition fiber, connect silica fiber and fluoride fiber

产品规格

Fiber specifications

光学特性 Optical specifications

Transmission band	800~1400nm,1800~2400nm
Transmission loss	0.6 dB/m

物理特性 Physical properties

Core diameter	10 μm
Cladding diameter	130 μm
Coating diameter	250 μm