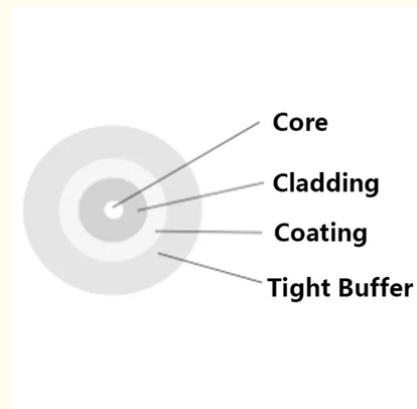




10km Single Mode Bare Optical Fiber 0.4mm Tight-Buffered for Drones

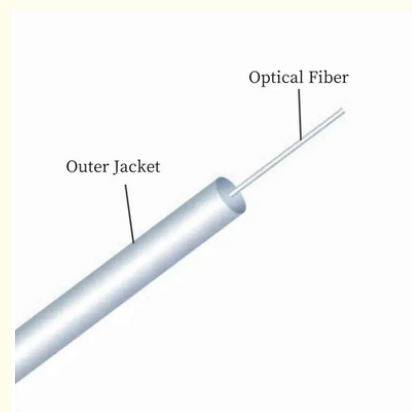
Basic Information

- Place of Origin: GUANGZHOU
- Brand Name: PUNAISGD
- Model Number: YXGX01
- Minimum Order Quantity: 10km
- Price: negotiate
- Packaging Details: Spool
- Delivery Time: 7DAYS
- Payment Terms: T/T
- Supply Ability: 100000KM

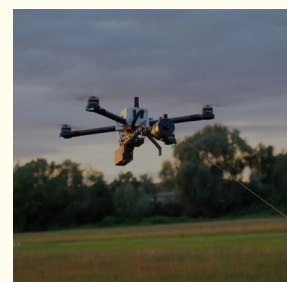
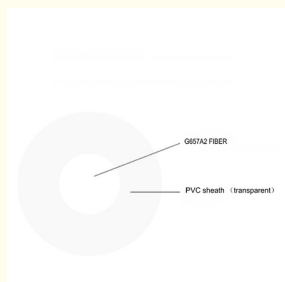


Product Specification

- Highlight: SM Single Mode Bare Optical Fiber, 0.4mm Bare Optical Fiber, 10km Bare Optical Fiber



More Images



Product Description

10km Drones Bare Optical Fiber 0.4mm Tight-buffered SM Single Mode Invisible Fibre

Product Overview

High-performance single mode optical fiber designed specifically for drone communication applications, featuring a 0.4mm tight-buffered design with 10km length per spool.

Key Specifications

Model Number: Drones Bare Optical Fiber

Origin: Guangdong, China

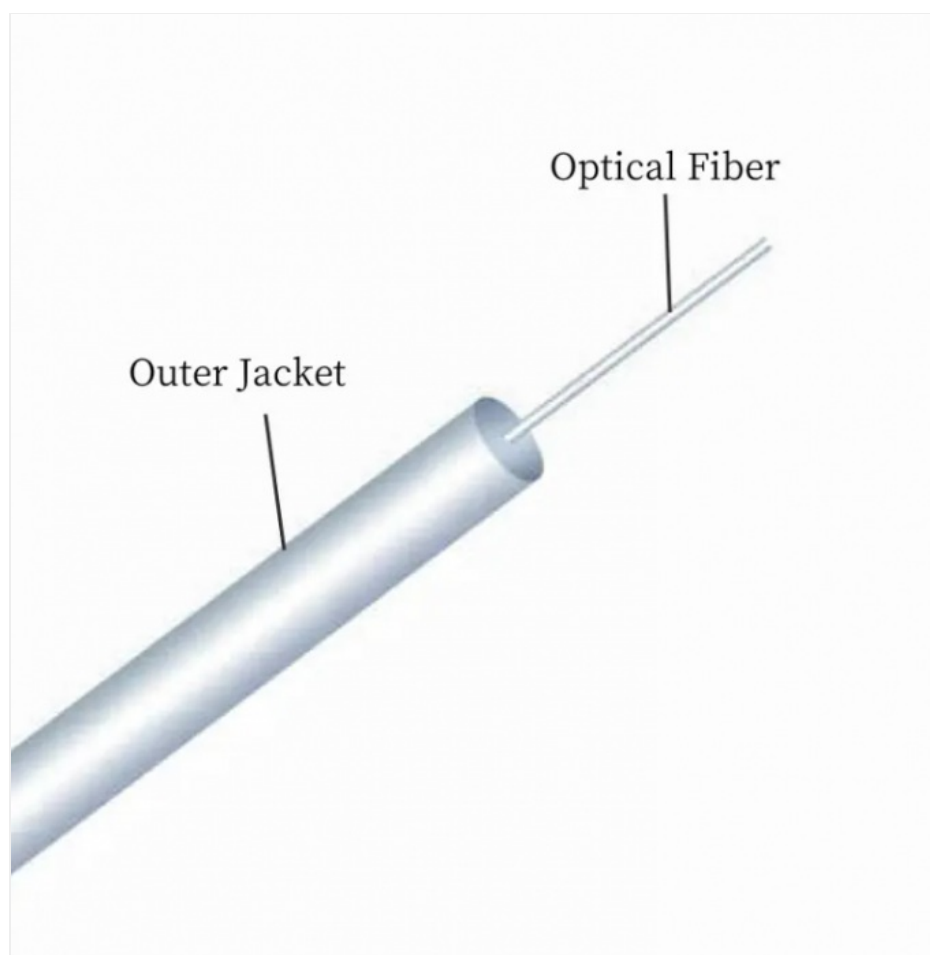
Length: 10km/Spool

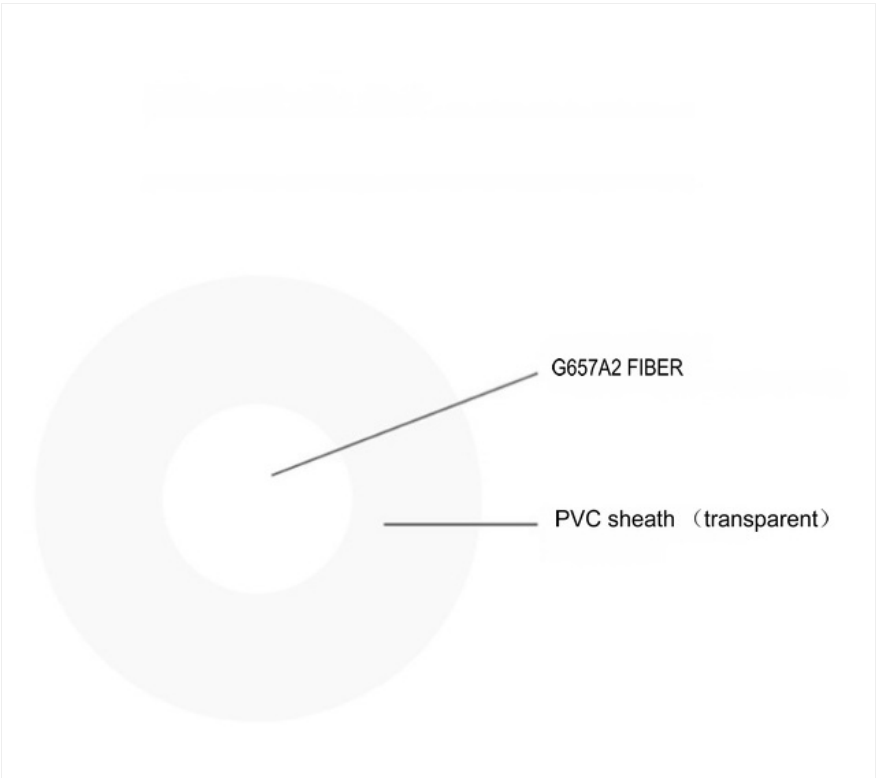
Application: Drones

Fiber Count: 1

Tight-Buffer Diameter: $0.4 \pm 0.01\text{mm}$

Tight-Buffer Material: PVC





Fiber Technical Parameters

No.	Items	Unit	Specification (G.657A2)
1	Mode Field Diameter (1310nm)	μm	8.8±0.4
1	Mode Field Diameter (1550nm)	μm	9.8±0.5
2	Cladding Diameter	μm	125±0.7
3	Cladding Non-Circularity	%	≤0.7
4	Core-Cladding Concentricity Error	μm	≤0.5
5	Coating Diameter	μm	245±5
6	Coating Non-Circularity	%	≤6.0
7	Cladding-Coating Concentricity Error	μm	≤12.0
8	Cable Cutoff Wavelength	nm	λ _{cc} ≤1260
9	Attenuation (1310nm)	dB/km	≤0.35
9	Attenuation (1550nm)	dB/km	≤0.21
10	Macro-Bending Loss (1turn×7.5mm radius @1550nm)	dB	≤0.2
10	Macro-Bending Loss (1turn×7.5mm radius @1625nm)	dB	≤0.5

Cable Specifications

Fiber count: 1

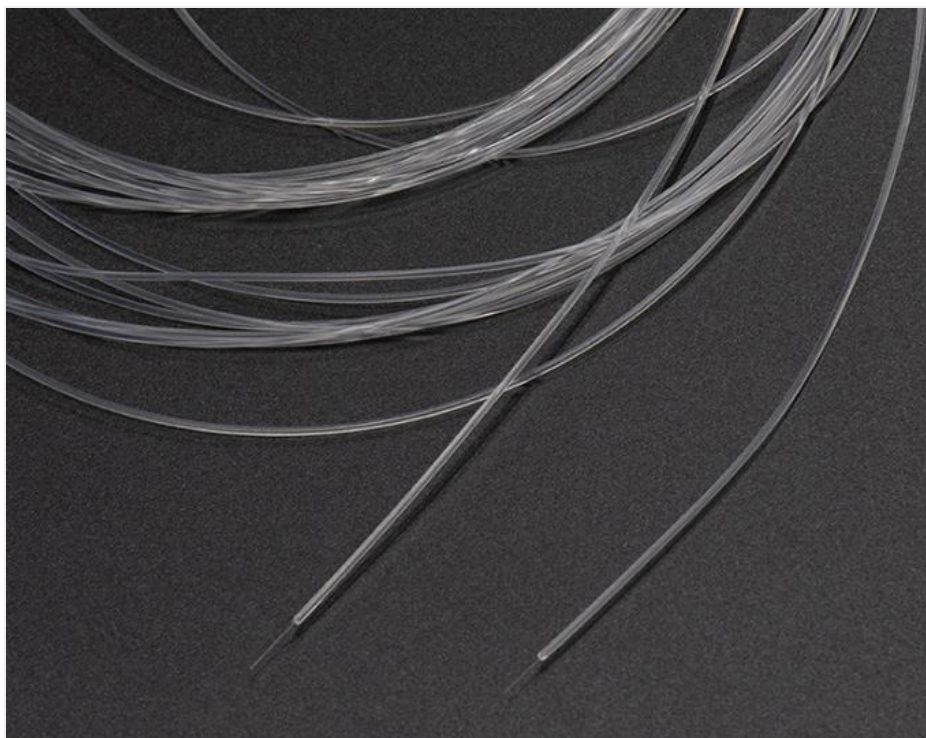
Tight-Buffer Diameter: 0.4±0.01mm

Tight-Buffer Material: PVC (Transparent)

Mechanical and Environmental Characteristics

Items	Unit	Specifications
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Working temperature		-20~60

Storage temperature		-20~60
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