

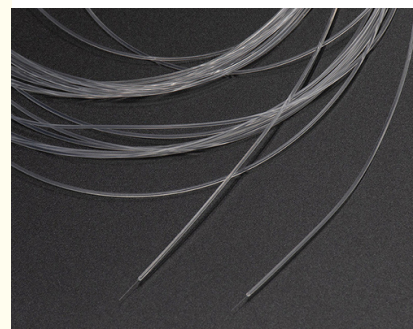


10km Drones Bare Optical Fiber 0.4mm/0.43mm Tight-buffered SM Single Mode Invisible Optical Fiber Bare For Communication

Our Product Introduction

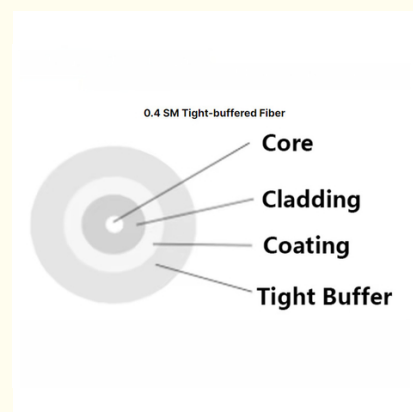
Basic Information

- 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

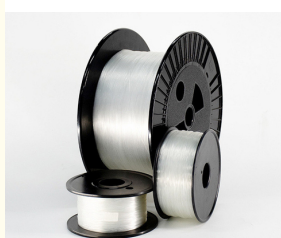


Product Specification

- Application: Drone /Optical Fiber For UAV/communication
- Fiber Type: G657A2
- Color: Transparent
- Highlight: 10km Drones Bare Optical Fiber,
0.43mm Drones Bare Optical Fiber



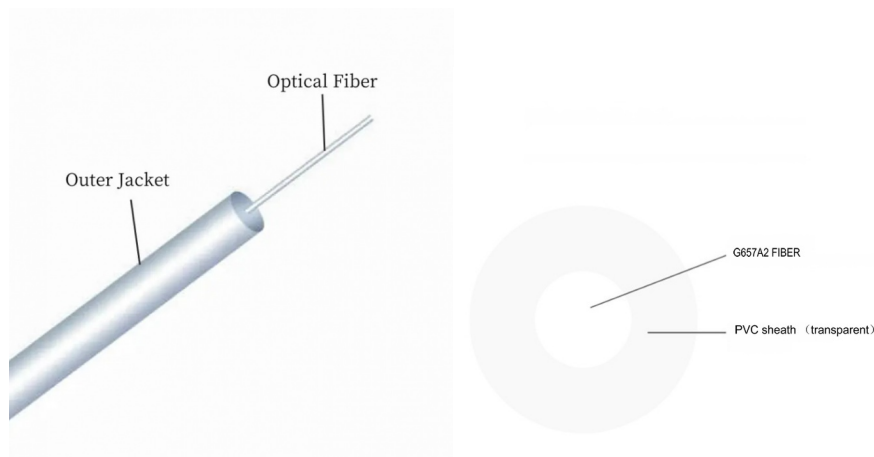
More Images



Product Description

10km Drones Bare Optical Fiber 0.4mm/0.43mm Tight-buffered SM Single Mode invisible Fibre Bare Optical Fiber for Communication

item name	drone bare fiber cable	item color	transparent
fiber type	G657A2	DIAMETER	0.4MM/0.43MM/0.38MM/0.35MM
TENSILE	60N	length	10km
application	For drones, for communications		



Fiber Parameters

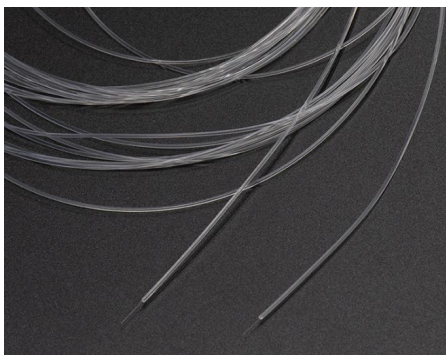
No.	Items		Unit	Specification
				G.657A2
1	Mode Field Diameter	1310nm	μm	8.8±0.4
		1550nm	μm	9.8±0.5
2	Cladding Diameter		μm	125±0.7
3	Cladding Non-Circularity		%	≤0.7
4	Core-Cladding Concentricity Error		μm	≤0.5
5	Coating Diameter		μm	245±5
6	Coating Non-Circularity		%	≤6.0
7	Cladding-Coating Concentricity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

Cable Parameters

Items		Specifications
Fiber count		1
Tight-Buffer	Diameter	0.4±0.01mm
	Material	PVC
	Material	Transparent

Mechanical and Environmental Characteristics

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



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