



guangzhou fiber cablepuls co ltd
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FPV Drone Optical Fiber 0.5mm Fiber 3km 5km 10km Option FPV Fibre Optic Communications

Our Product Introduction

Basic Information

- Place of Origin: GUANGZHOU
- Brand Name: PUNAISGD
- Model Number: FPV DRONE OPTICAL FIBER
- Minimum Order Quantity: 5km/10km
- Price: negotiate
- Packaging Details: Spool
- Delivery Time: 7DAYS
- Payment Terms: T/T
- Supply Ability: 100000KM



Product Specification

- Highlight: 5km FPV Drone Optical Fiber,
10km FPV Drone Optical Fiber,
3km FPV Drone Optical Fiber



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Product Description

FPV Drone Optical Fiber 0.5mm Fiber 3km 5km 10km Option FPV Fibre Optic Communications

0.4mm/0.43mm/0.38mm/0.35mm Invisible Tight Buffer Fiber;

Simplex core for G.657.A2;

tensile:60N

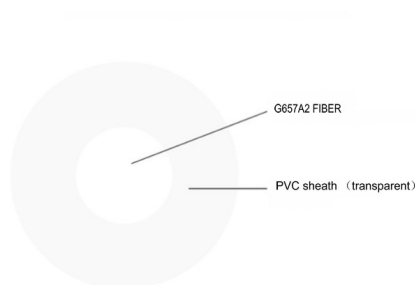
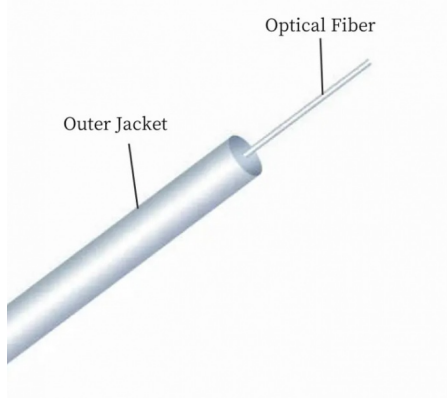
1km fiber optic

2km fiber optic

3km fiber optic

5km fiber optic

10km fiber optic

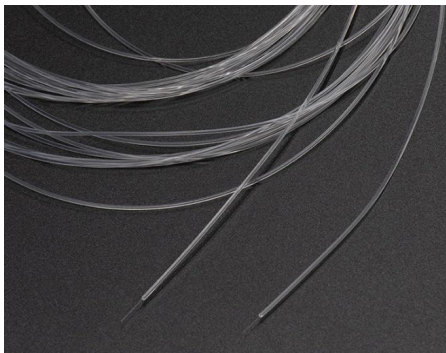


Fiber Parameters

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	$\lambda_{cc} \leq 1260$
9	Attenuation(max.)	1310nm	dB/km ≤ 0.35
		1550nm	dB/km ≤ 0.21
10	Macro-Bending Loss	1turn $\times$ 7.5mm radius @1550nm	dB ≤ 0.2
		1turn $\times$ 7.5mm radius @1625nm	dB ≤ 0.5

Cable Parameters

Items	Specifications
Fiber count	1
Tight-Buffer	Diameter
	0.4 $\pm$ 0.01mm
	Material
	PVC
	Material
	Transparent



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