



FPV Drone Optical Fiber 0.5mm G.657.A2 3km 5km 10km

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



Product Description

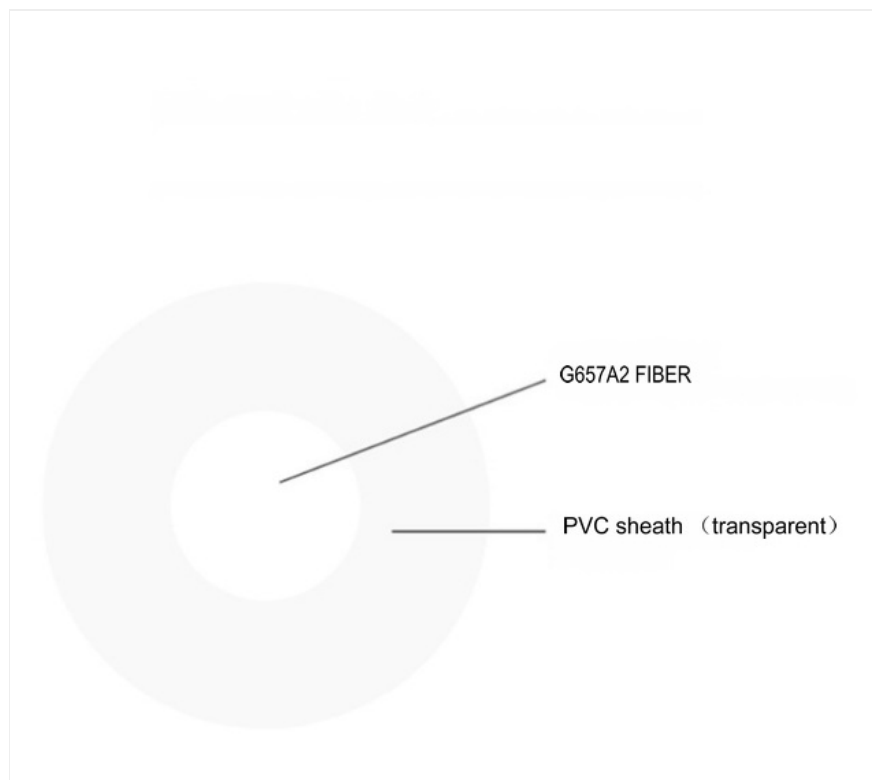
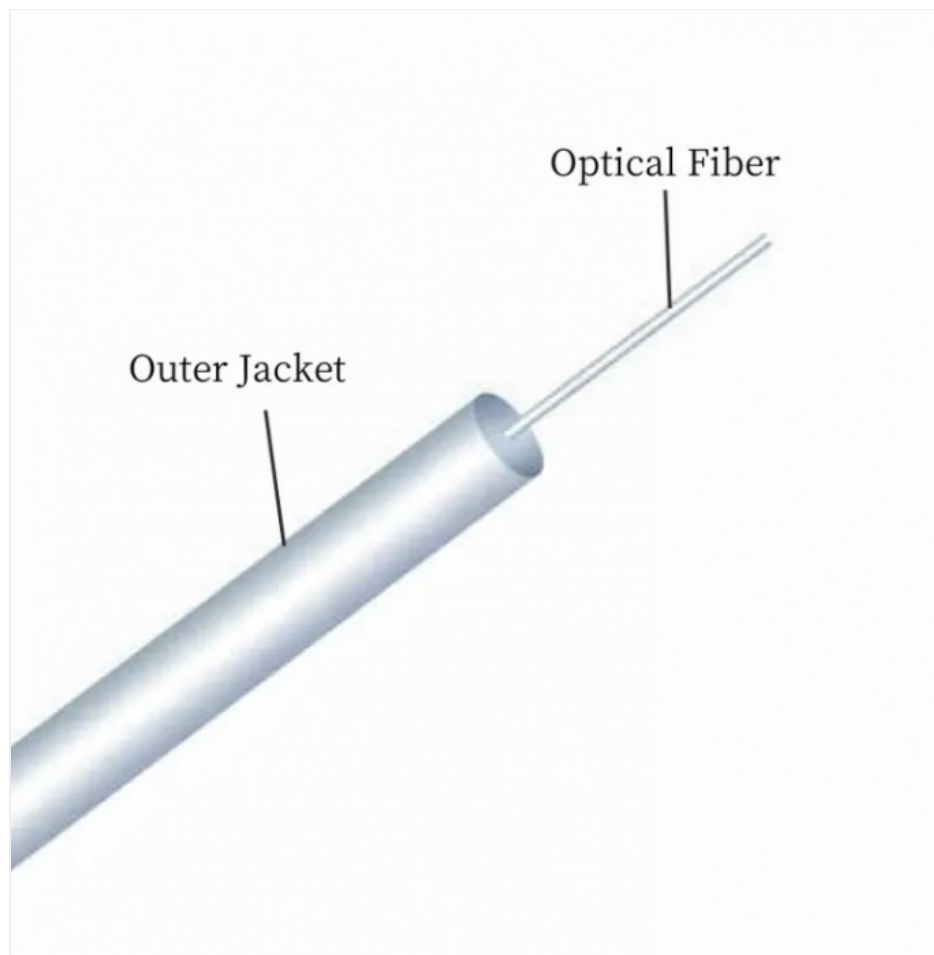
FPV Drone Optical Fiber 0.5mm Fiber (3km/5km/10km Options)

Key Features

- Available in 0.4mm/0.43mm/0.38mm/0.35mm Invisible Tight Buffer Fiber options
- Simplex core compliant with G.657.A2 standard
- Tensile strength: 60N
- Available in multiple length options: 1km, 2km, 3km, 5km, 10km







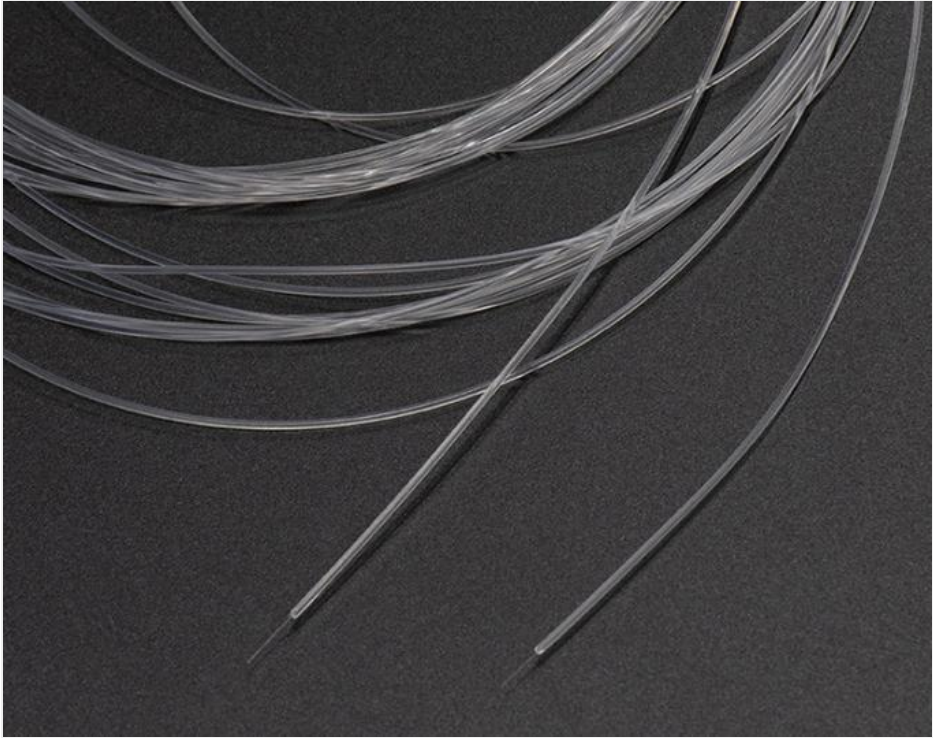
Fiber Parameters

No.	Items	Unit	Specification (G.657A2)
1	Mode Field Diameter (1310nm)	μm	8.8±0.4
	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	$\lambda_{cc} \leq 1260$
9	Attenuation (1310nm)	dB/km	≤0.35
	Attenuation (1550nm)	dB/km	≤0.21
10	Macro-Bending Loss (1turn×7.5mm radius @1550nm)	dB	≤0.2
	Macro-Bending Loss (1turn×7.5mm radius @1625nm)	dB	≤0.5

Cable Parameters

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





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