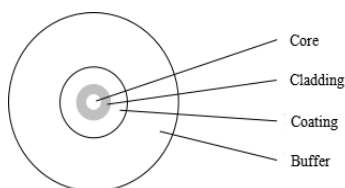


GJIPA-1B6a2-0.45 Invisible optical cable

1. Product Description

GJIPA-1B6a2-0.45 Invisible fiber optic cable structure: 250um natural color optical fiber is extruded with transparent nylon PA12 tightly wrapped, suitable for house interior, decoration, or other special areas.

2. Product Structure Schematic



3. Product Characteristics

- ❶ Small outer diameter and light weight
- ❷ Transparent color is aesthetically pleasing and not easy to detect
- ❸ Relatively good bending resistance with G657A2 fiber

4. Optical properties

Fiber Type	(25℃)Attenuation dB/km		Fiber Geometry		Fiber cutoff wavelength / nm
	@1310nm	@1550nm	Cladding diameter	Coating diameter	
G657A2/ (B6a2)	≤0.35	≤0.25	125±0.7um	240±10um	≤1260

5. chromatogram

Fiber Optic Chromatography Arrangement:

Fiber Number	1
color	natural color

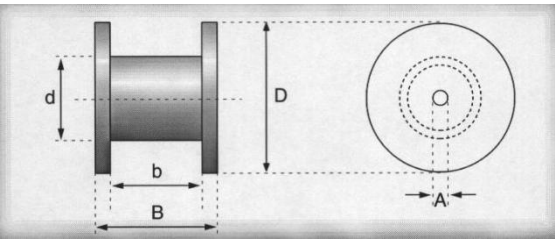
PA12 Sheath chromatographic arrangement:

PA12	1
color	transparency

6. Product Parameters

Model	Frame-work	Sheath thickness ±0.03mm	Reference Outer Diameter ±0.03mm	Allowable tensile force N Short-term (fibre strain)	Breaking Force	operating temperature ℃	Net cable weight kg/km ±10%
GJIPA-1B6a2-0.45	central tube	0.1	0.45	5N (≤0.8%)	40-55N	-20~60	0.18

7. Package



Fibre Plastic Drum	Drum K m	D(-2,+2)mm	d (-2, +2) mm	B (-2, +2) mm	b (-2, +2) mm	A (-1.5, +1.5) mm
GJIPA-1B6a2-0.454	5-10	260	200	200	179	25

8. Product Information

GJIPA-1B6a2-0.45

GJI: Representing indoor invisible fibre optic cables;

PA: Represents PA12 jacket

1: Represents 1 fibre

B6a2: Represents G657A2 fibre optic

0.45: Represents cable diameter 0.45mm