



Air Blown Micro Cable Air Blown Micro Fiber Optical Cable Specification

Our Product Introduction

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Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAI SGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GCYFY-72B1.3
- Minimum Order Quantity: 2km
- Price: negotiate
- Packaging Details: Wooden Spool /drum
- Delivery Time: 5-25days
- Payment Terms: 30%TT as deposit,70%Balance before shipping.
- Supply Ability: 100km

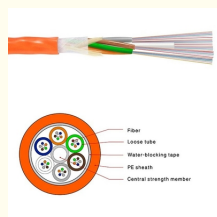


Product Specification

- Model: GCYFY-72B1.3
- Item: Air Blown Micro Cable
- Jacket Material: PE Sheath
- Fiber Type: G.652D/G657a1
- Cable Color: Black/ Orange
- Highlight: Air Blown Micro Fiber Optical Cable, Air Blown Micro Cable Specification, Micro Fiber Optical Cable



More Images



Product Description

Air Blown Micro Cable Air Blown Micro Fiber Optical Cable Specification

This Micro Duct Optical Fiber Cable, available in various fiber counts, is designed for durability and high performance in various telecommunication applications.

Fiber Types: SM G652D

Available Fiber Counts: 04F, 08F, 12F, 24F, 48F, 96F

Optical Specifications

Parameter	Specification
Attenuation @ 1310 nm	≤ 0.38 dB/km
Attenuation @ 1550 nm	≤ 0.25 dB/km
Zero Dispersion Wavelength	1300-1324 nm
Chromatic Dispersion @ 1550 nm	≤ 18 ps/nm.km

Physical and Mechanical Properties

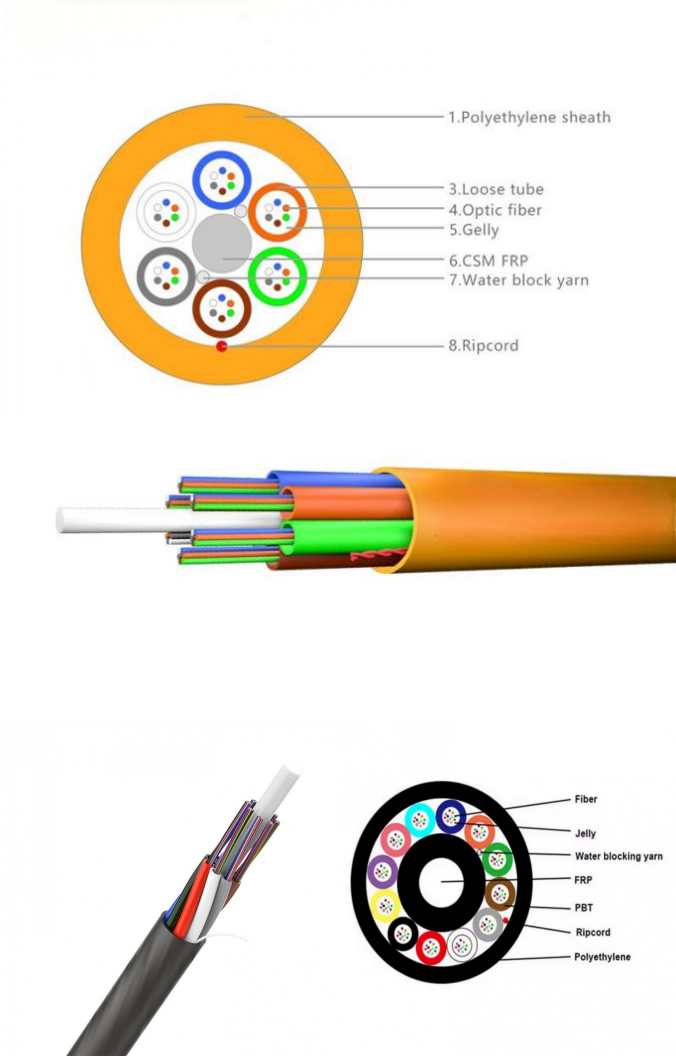
Characteristic	Specification
Max. Tensile Strength	700 N
Crush Resistance	500 N/10 cm
Impact Resistance	10 Nm

Our Product Introduction

Characteristic	Specification
Min. Bending Radius (Long Term)	20D (D = Cable Diameter)
Operating Temperature Range	-20°C to +60°C
Nominal Cable Diameter	6.0 ± 0.5 mm

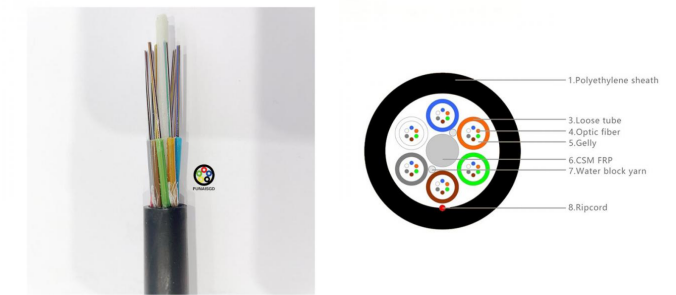
Construction Details

Central Strength Member: Fiber Reinforced Plastic (FRP) with a diameter of 1.6 mm ± 0.1 mm.
Water Blocking Elements: Water blocking yarns inside the core.
Outer Jacket: Black HDPE, minimum thickness 0.5 mm.
Core Identification: Blue, Orange, Green, Brown, Slate, White, and Black fillers.
Loose Tube: PBT filled with thixotropic jelly.



Characteristics

- Small overall diameter, lightweight, moderate hardness, suitable for air-blow installation.
- Non- metallic structure, no need for grounding.



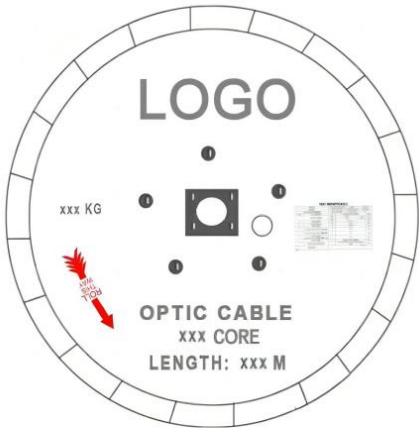
TECHNICAL DATA SHEET

fiber count	CSM diameter	nominal tickness of outer jacket	cable diameter	cable weight	Bending radius
2-12	1.4/1.4	1.6	3.5	11	10D/20D
14-24	1.4/1.4	1.6	4.1	14	10D/20D
26-72	1.4/1.4	1.6	5.0	22	10D/20D

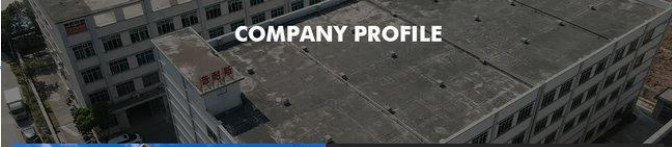
74-96	1.4/1.4	1.6	5.9	33	10D/20D
98-120	1.4/1.4	1.6	7.0	43	10D/20D
122-144	1.6/1.6	1.6	7.7	52	10D/20D
146-216	1.6/1.6	1.6	7.9	52	10D/20D
218-288	1.6/1.6	1.6	9.0	72	10D/20D
Item			Unit	Specification	
Fier Tyoe			G652D	G652D	
Mode filed Diameter	1310nm	μm	9.2±0.4		
	1550nm	μm	10.4±0.8		
Cladding diameter		μm	125.0±0.1		
Cladding non-circularity		%	≤1.0		
Core/cladding concentricity error		μm	≤0.5		
Coating diameter		μm	245±7		
Coating/cladding concentricity error		μm	≤12		
Cable cut-off wavelength		μm	≤1260		
Attenuation Coefficient	1310nm	db/km	≤0.36		
	1550nm	db/km	≤0.22		
Proof stress level		kpsi	≥100		
Note: Other parameters meet standard ITU-T G.652					

Cable Marking&Fibers Colors


COMPANY Fiber cable name N*cores G.652D 2024 XXXXm
*The marking is printed every 1 meter;
**"G.652D" means ITU-T Rec. Low Water Peak (LWP) G.652 single mode optical fiber..
Also can according to client cable marking.



Production Supplier Profile



COMPANY PROFILE



ABOUT FIBER
Guangzhou fiber cablepuls co.,ltd

Fiber cablepuls is one of the high-tech fiber optic cable factories in China that can produce the most complete series of fiber optic cables, equipped with the most advanced fiber optic cable manufacturing, and have the most advanced fiber optic connector production and testing equipment in China.

The factory has obtained SGS ISO9001-2015, ISO14001-2004 and GB/T28001-2001 successfully obtained international system certification.

Over the past 12 years, we have provided optical cable products and comprehensive solutions to more than 90 countries and regions around the world, and have received unanimous praise from customers, such as foreign telecom departments of the United States, Mexico Telecom, Thailand Telecom, Philippines Telecom, etc., domestic customers include: China Mobile, the General Administration of Radio, Film and Television, Lenovo, and many other large national enterprises.



OUR PRODUCTION CAPACITY AND QUALITY CONTROL SYSTEM



How do I place an OEM or customized order?

- 1) Send your purchase intention to our email: cotton@fibercablepuls.com
- 2) Our sales team will contact you to confirm the product specification, packaging, printing, quantity, and other specific information.
- 3) Sign the contract or Proforma Invoice.
- 4) After receiving your deposit, we will start to arrange the production.
- 5) 2 weeks before the completion of production, we will notify you to start contacting shipping.

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