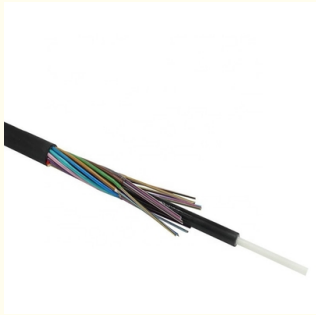
Air Blown Micro Cable High Performance Micro Cable

Our Product Introduction

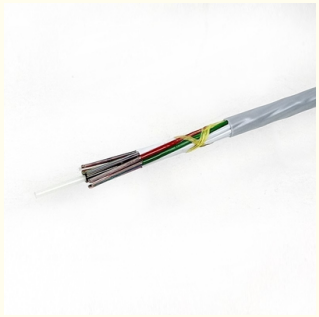
Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GCYFY-96B1.3
- 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-96B1.3
- Item: Air Blown Micro Cable
- Jacket Material: PE Sheath
- Fiber Type: G.652D/G657a1
- Cable Color: Black/ Orange
- Highlight: **Air Blown Micro Cable**, **High Performance Micro Cable**



More Images

Our Product Introduction

Product Description

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The cable can be used as the drop cable of distribution segments in FTTH networks and can be laid by air blowing to connect the branch point with the access point for subscribers. The cable is also applicable in backbone networks , metropolitan area networks and access networks

is technology is a new way to make significant improvements in traditional fiber optic systems, facilitating the rapid adoption of fiber optic networks and providing users with a flexible, secure, cost-effective cabling system.

The blowing system consists of micro-tubes (single micro-tubes and micro-tubes), micro-cables, fittings and air blowing equipment.

Fibre optic cable is an advanced type of network cable, offering significantly improved performance in terms of bandwidth and data carrying than traditional metal conductor versions.

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

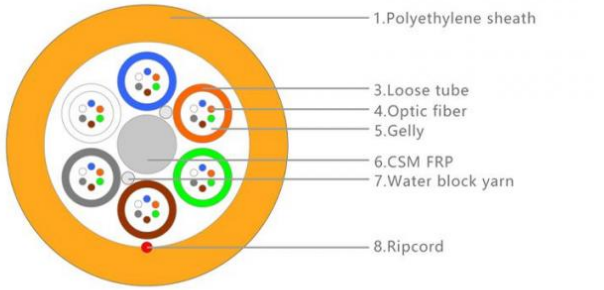
Parameter	Specification
Chromatic Dispersion @ 1550 nm	≤ 18 ps/nm.km

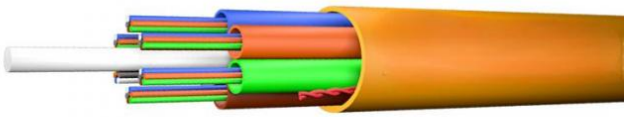
Physical and Mechanical Properties

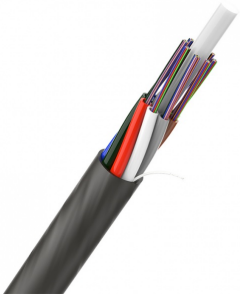
Characteristic	Specification
Max. Tensile Strength	700 N
Crush Resistance	500 N/10 cm
Impact Resistance	10 Nm
Min. Bending Radius (Long Term)	20D (D = Cable Diameter)
Operating Temperature Range	-20°C to +60°C
Nominal Cable Diameter	6.0 ± 0.5 mm

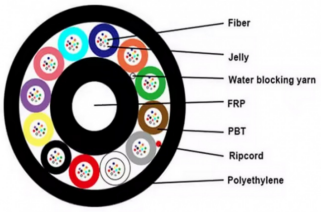
Construction Details

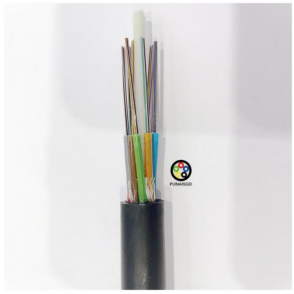
Central Strength Member: Fiber Reinforced Plastic (FRP) with a diameter of 1.6 mm ± 0.1 mm.
Water Blocking Elements: Water blocking yarns inside the core.
Outer Jacket: Black HDPE, minimum thickness 0.5 mm.
Core Identification: Blue, Orange, Green, Brown, Slate, White, and Black fillers.
Loose Tube: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

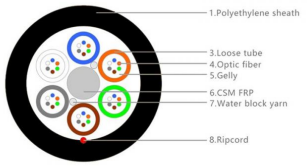












TECHNICAL DATA SHEET

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

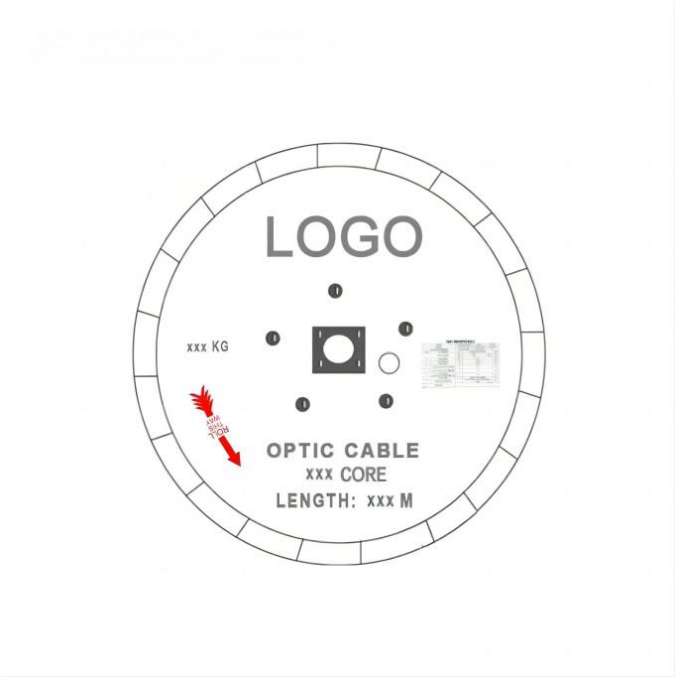
26-72	1.4/1.4	1.6	5.0	22	10D/20D
74-96	1.4/1.4	1.6	5.9	33	10D/20D
98-120	1.4/1.4	1.6	7.0	43	10D/20D
122-144	1.6/1.6	1.6	7.7	52	10D/20D
146-216	1.6/1.6	1.6	7.9	52	10D/20D
218-288	1.6/1.6	1.6	9.0	72	10D/20D

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			

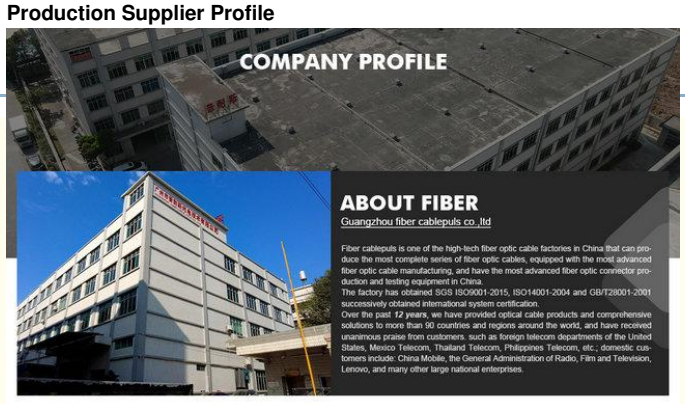
Cable Marking&Fibers Colors

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



guangzhou fiber cablepuls co ltd
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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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