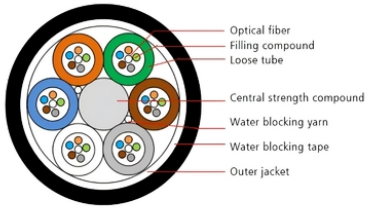
GCYFY-96B1.3 Air Blown Micro Cable PE Sheath 24-288 Cores G.652D

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 Layer**, **PE Sheathed Air Blown Micro Cable**

Product Description

Air Blown Micro Cable Layer - Stranded PE Sheathed Air-Blown Micro Cable 24-288 Cores

Product Specifications

Attribute	Value
Model	GCYFY-96B1.3
Item	Air blown micro cable
Jacket Material	PE sheath
Fiber Type	G.652D/G657a1
Cable Color	Black/Orange

Product Description

Layer-stranded PE sheathed air-blown micro cable (24-288 cores) uses air-blown laying methods to connect optical branch points and user access points. The optical cable features excellent mechanical and temperature properties, high tensile strength guaranteed by fiberglass, superior flexibility, easy installation, and cost-effectiveness.

Key Features

- Structural optimization design with optimal fiber capacity
- Precisely controlled fiber length for stable performance
- Dry cable core blocks water, environmentally friendly
- Innovative sheath surface design enhances air-blowing performance

Applications

Air blowing installation, Core network, Metropolitan Area Network (MAN), Access network, Backbone network, Local Area Network (LAN), FTTx network, Data center, 5G infrastructure

Carefiber Advantages

- High-quality Aramid yarn for excellent tensile performance
- Fast delivery - 200km ADSS cable production time approximately 10 days
- Optional glass yarn for rodent protection

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

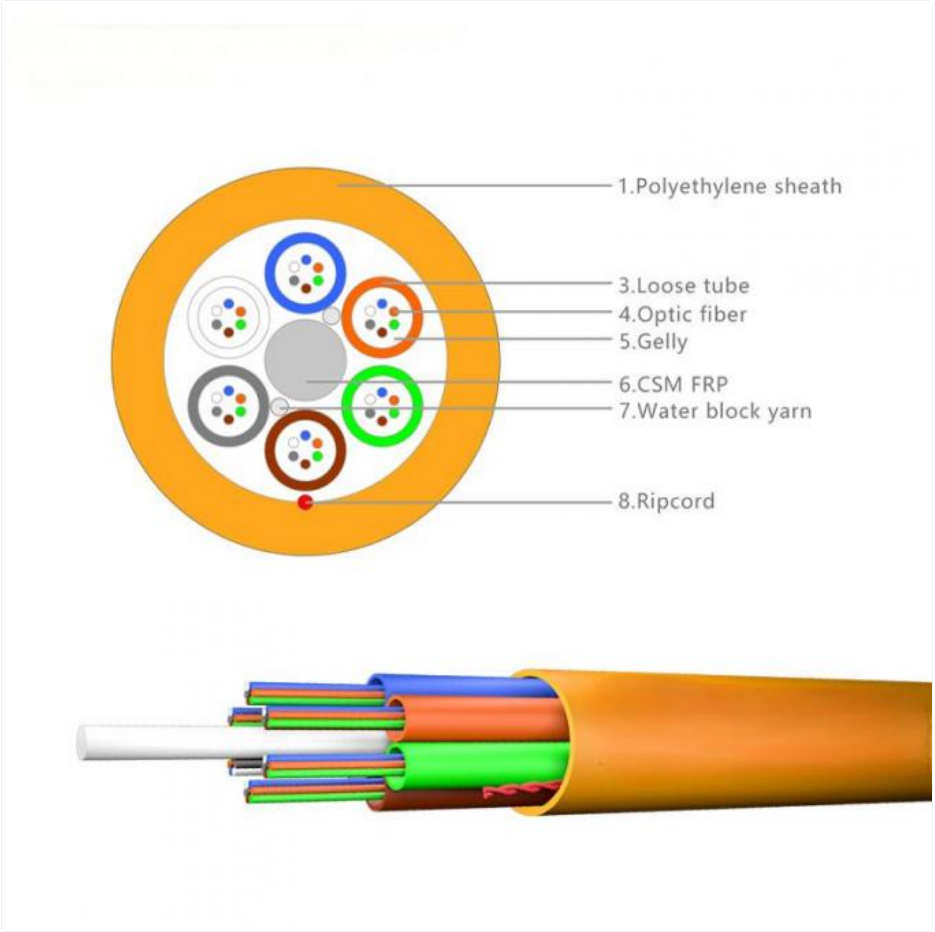
Physical and Mechanical Properties

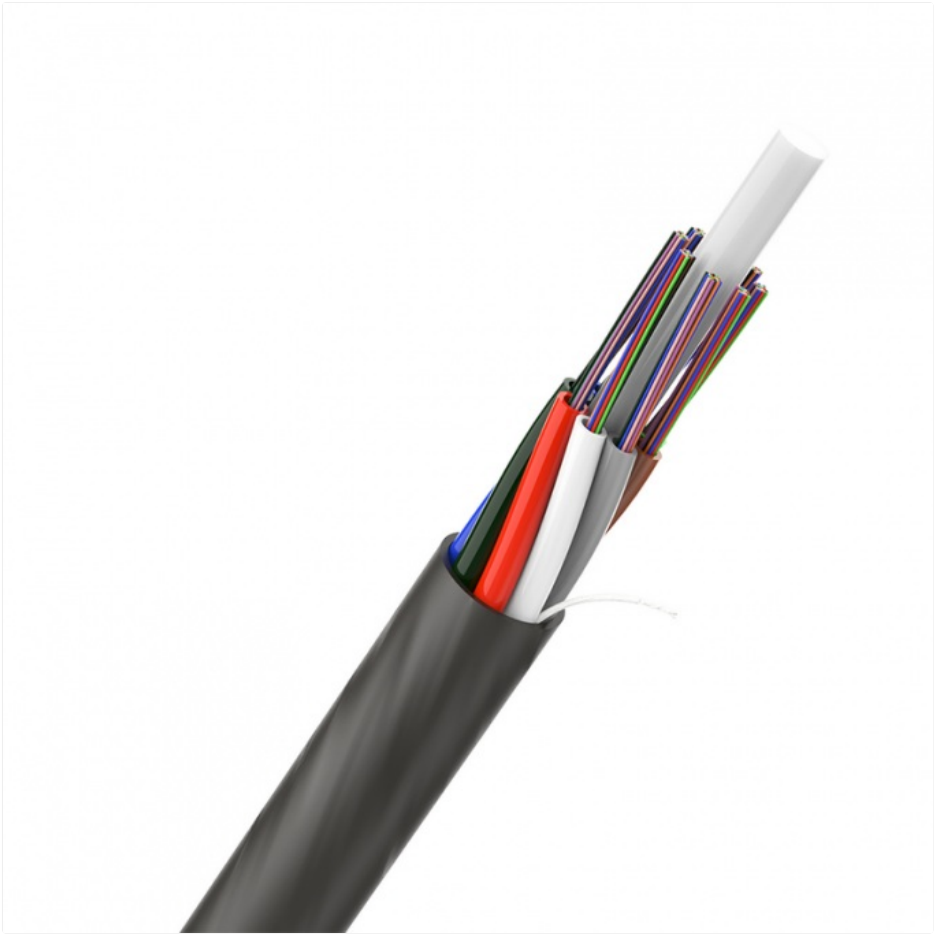
Characteristic	Specification
Max. Tensile Strength	700 N
Crush Resistance	500 N/10 cm
Impact Resistance	10 Nm
Min. Bending Radius (Long Term)	20D (D = Cable Diameter)
Operating Temperature Range	-20°C to +60°C

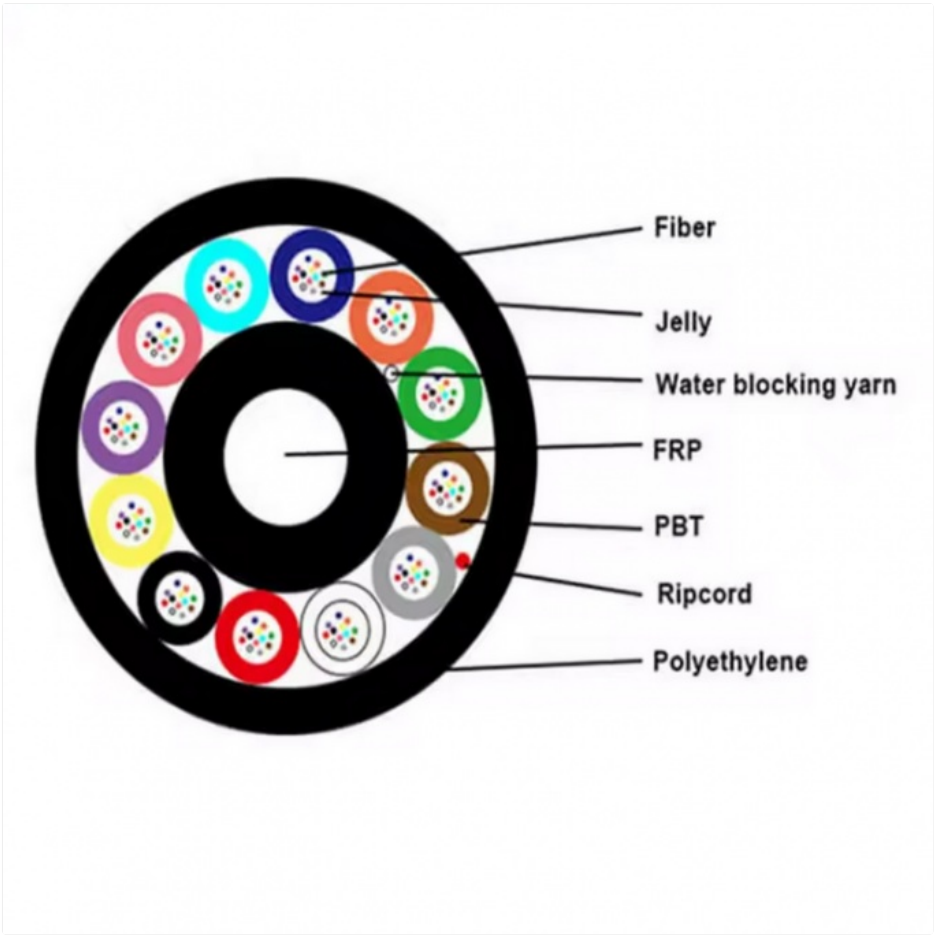
Nominal Cable Diameter	6.0 ± 0.5 mm

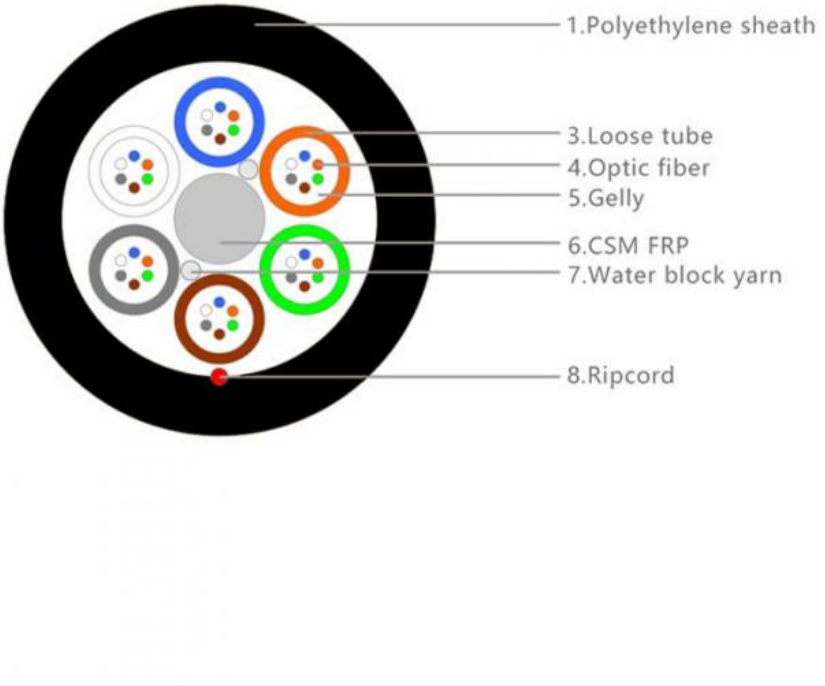
Construction Details

- Central Strength Member: Fiber Reinforced Plastic (FRP) with 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






Fiber
Jelly
Water blocking yarn
FRP
PBT
Ripcord
Polyethylene



Technical Data Sheet

Fiber Count	CSM Diameter	Nominal Thickness	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

Fiber Specifications

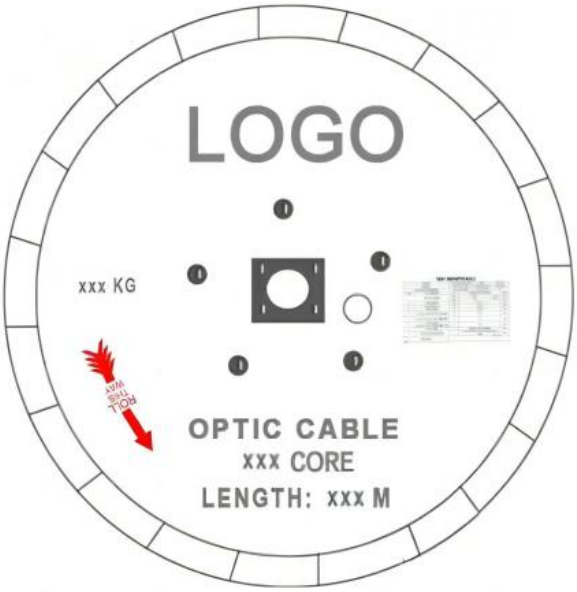
Item	Unit	Specification
Fiber Type		G652D
Mode Field Diameter (1310nm)	μm	9.2±0.4
Mode Field Diameter (1550nm)	μm	10.4±0.8
Cladding Diameter	μm	125.0±0.1
Cladding Non-circularity	%	≤1.0
Core/Cladding Concentricity Error	μm	≤0.5
Coating Diameter	μm	245±7
Coating/Cladding Concentricity Error	μm	≤12
Cable Cut-off Wavelength	μm	≤1260
Attenuation Coefficient (1310nm)	db/km	≤0.36
Attenuation Coefficient (1550nm)	db/km	≤0.22
Proof Stress Level	kpsi	≥100

Note: Other parameters meet standard ITU-T G.652

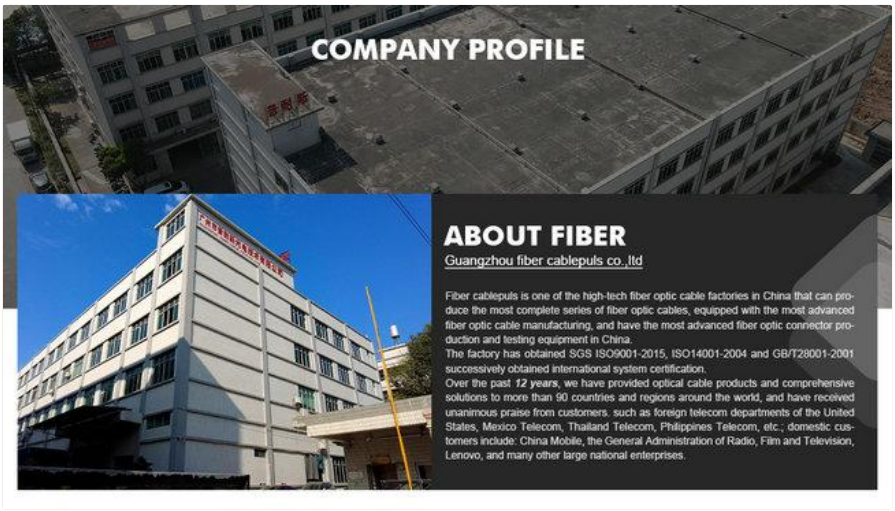
Cable Marking & Fiber Colors

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
- Custom marking available according to client requirements



Production Supplier Profile



How to Place an OEM or Customized Order

Send your purchase intention to our email:**cotton@fibercablepuls.com**

Our sales team will contact you to confirm product specifications, packaging, printing, quantity, and other requirements

Sign the contract or Proforma Invoice

After receiving your deposit, we will begin production

2 weeks before production completion, we will notify you to arrange shipping

guangzhou fiber cablepuls co ltd

+8613687956390 cotton@fibercablepuls.com fiberoptical-cables.com

925-926, Building B1, No. 2 Chuanghui Avenue, Yonghe Yushan InternationalGuangzhou city,Guangdong province,China