



## G652d Single Mode Aerial ADSS Fiber Optic Cable FRP 8/12/24/48/96/144 Core

Our Product Introduction

for more products please visit us on [fiberoptical-cables.com](http://fiberoptical-cables.com)

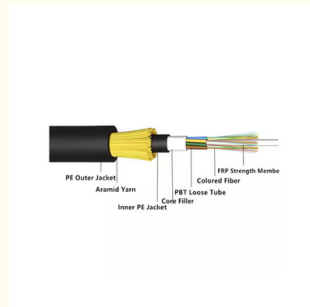
### Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: ADSS-DJ-100M
- Minimum Order Quantity: 2km
- Price: 190
- Packaging Details: Wooden Spool  $\Phi 1200 \times 750$ mm
- Delivery Time: 5-25days
- Payment Terms: 30%TT as deposit,70%Balance before shipping.
- Supply Ability: 100km

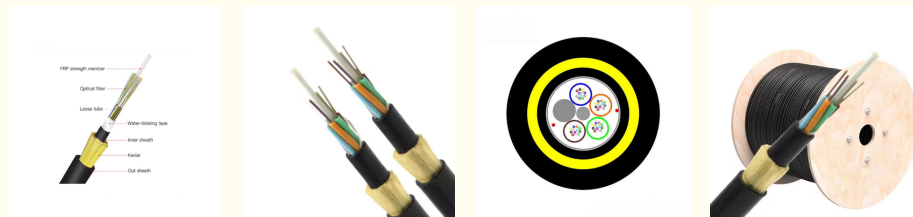


### Product Specification

- Strength Member: FRP+Kevlar Yarn
- Loose Tube Material: PBT
- Facoty: Yes
- Applications: Aerial/Duct/Direct Burial
- Reinforced Member: Aramid Yarn+FRP
- Cable Use: Aerial
- Outer Jacket Material: Black PE Jacket
- Warranty: 25 Years
- Temperature: -40°C To +70°C
- Construction: Centrel
- Cettification: ISO 9001/CE/ROHS/FCC
- Temperature Range: -40 ~ +70°C
- Central Strength Member: FRP
- Loose Tube: PBT
- Highlight: FRP ADSS Fiber Optic Cable,



### More Images

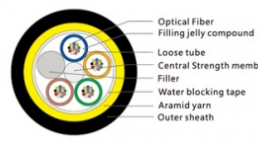
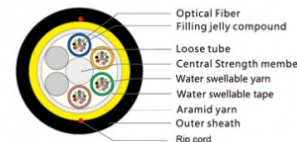
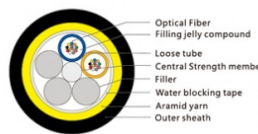
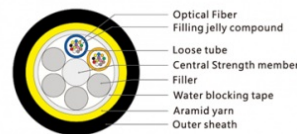
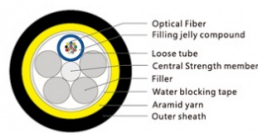
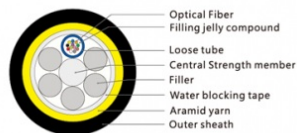
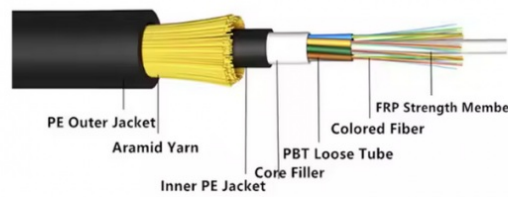


### Product Description

#### Outdoor Fiber FRP Wire 8/12/24/48/96/144 core G652d Single Mode Aerial Adss Self Supporting Optical Fiber Cable Adss

- 1) Small diameter, light weight, the span can reach to 1500m, with a low additional load to the tower.
- 2) Strong anti-pull performance, more than 90KN.
- 3) Non-metallic structure, good insulated performance, thunder-proof.
- 4) The equality spam and good performance when meeting an emergency.
- 5) Good performance of anti-gun and anti-erode
- 6) Suitable for bad climate.
- 7) Can work without electric stop.
- 8) Structure characteristic Loose tube and non-metallic strengthen High flexible , can work under the environment at electric fields  $\leq 25$ KV/m.

Our Product Introduction



#### Features and Applications

- ✓ High tensile strength
- ✓ All dielectric structure and semi-dry core design
- ✓ Small diameter and light weight
- ✓ Self-supporting aerial installation

## High quality PE/HDPE material

cable sheath, very smooth  
surface, anti-UV, flame-Resistant



ADSS Cable Place Order Information

No. of Fibers	2-36	38-72	74-96	98-120	122-144	146-216
Max No. of Fibers/Tube	6	12	12	12	12	12
No. of Tube(+Fillers)	6	6	8	10	12	18(2 layers)

Nominal Diameter	10.7	13.2	13.9	15.4	16.8	17
Cable Weight(kg/km)	89	135	150	185	220	225
Fiber Type	G652D G657A1 OM1 OM2 OM3 OM4					
Max .Allowable Tension	Short Term :3500N Long Term:100N MAT:3.5Kn RTS:9.0Kn Wind Speed: ≤30m/s lcs:0mm					
Min.Bend Radius (mm)	Dynamic:20D Static:10D (D: Cable diameter)					
Temperature Range	-40°C~+70°C(Transportation& Storage)					
	-35°C~+65°C(Installation)					
	-40°C~+70°C(Operation)					

Fiber Parameters				
No.	Items		Unit	Specification
				G.652D
1	Mode Field Diameter	1310nm	μm	9.2±0.4
		1550nm	μm	10.4±0.8
2	Cladding Diameter		μm	125.0±1.0
3	Cladding Non-Circularity		%	≤1.0
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	λ <sub>c</sub> ≤1260
9	Attenuation(max.)	1310nm	dB/km	≤0.35
		1550nm	dB/km	≤0.21
		1380nm	dB/km	≤0.35
		1625nm	dB/km	≤0.24
10	Attenuation and wavelength	1310nm 1285-1330nm	dB/km	≤0.04
		1550nm 1525-1575nm	dB/km	≤0.03
		1550nm 1480-1580nm	dB/km	≤0.05
11	Dispersion	1288-1339nm	ps/(nm.km)	≥-3.5, ≤3.5
		1271-1360nm	ps/(nm.km)	≥-5.3, ≤5.3
		1480-1580nm	ps/(nm.km)	≤20
		1550nm	ps/(nm.km)	≤18
12	Zero dispersion wavelength		Nm	1300-1324
13	Zero dispersion slope		ps/(nm <sup>2</sup> *km)	≤0.092
14	Typical value		ps/(nm <sup>2</sup> *km)	0.04
15	Largest individual fiber		Ps/√ km	0.2
16	Link design values		Ps/√ km	0.1
17	Two way average		1310nm-1550	≤0.01dB

#### 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.



#### Types of the ADSS cables

Single Sheath ADSS Cable:



#### Construction:

This type features a single outer jacket layer. Lightweight: It's typically lighter than double sheath variants.

#### Applications:

Ideal for environments with lower risk of mechanical damage or where cable weight is a critical factor.

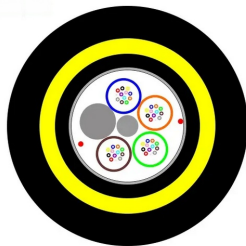
#### Cost-Efficient:

Generally more cost-effective due to less material usage.

#### Environmental Resistance:

Offers sufficient protection against UV rays, moisture, and minor abrasions.

#### Double Sheath ADSS Cable:



ADSS-D-48F



#### Construction:

Equipped with two layers of sheathing, an inner and an outer jacket.

#### Enhanced Protection:

Provides better mechanical protection, making it suitable for harsher environments.

#### Durability:

More resistant to abrasion, rodents, and other forms of physical damage.

#### Weight and Cost:

Heavier and typically more expensive than single sheath cables due to additional materials.

#### Applications:

Preferred in areas with higher potential for mechanical stress, such as regions with dense vegetation or frequent severe weather.

#### Optical Fiber Hardware for ADSS cables

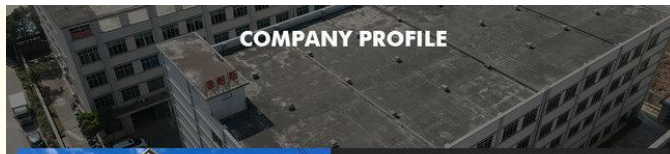


#### Production Supplier Profile




+8613687956390

cotton@fibercabl



## 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](mailto: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.

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