



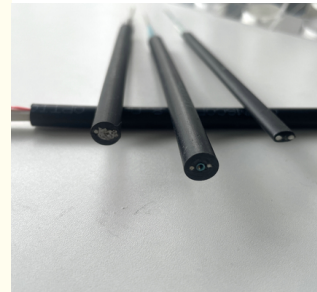
## ADSS Fiber Optic Cable Communication Cables 2-288 Core G652 With Span 50-150 Meters

Our Product Introduction

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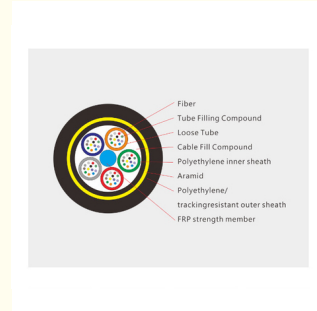
### Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: ADSS-24b1.3-SJ-100M
- Minimum Order Quantity: 2km
- Price: negotiate
- Packaging Details: Wooden Spool Φ1200\*750mm
- Delivery Time: 5-25days
- Payment Terms: 30%TT as deposit,70%Balance before shipping.
- Supply Ability: 100km



### Product Specification

- Type: ADSS -24b1.3
- Fiber Type: Single-mode
- Fiber Count: 6/12/24/36/48/72/144
- Oute Sheath: Black PE/LSZH
- Inner Sheath Material: P/LSZH
- Installation Method: Aerial
- Strength Member Material: FRP/ARMID YARN
- Cable Diameter: 12.5mm
- Highlight: g652 ADSS Fiber Optic Cable, 288 Core ADSS Fiber Optic Cable



### More Images



### Product Description

#### ADSS Fiber Optic Cable Hot sale Communication Cables 2-288 core g652 with Span 50-150 meters

##### What is ADSS Cable

ADSS (All-Dielectric Self-Supporting) fiber optic cable uses an all-dielectric structure and requires no metal support. It is primarily composed of optical fibers, weather-resistant sheaths, and reinforcing cores. The outer sheath typically uses high-strength weather-resistant materials, such as PE or AT sheaths, offering excellent resistance to corrosion, UV rays, and electromagnetic interference, ensuring long-term use in harsh environments.

The design of ADSS (All-Dielectric Self-Supporting) fiber optic cable allows it to withstand its own weight and external tension without relying on metal supports, making it especially suitable for installation on high-voltage power lines. It has excellent electric field resistance and is unaffected by electromagnetic interference from high-voltage transmission lines, enabling it to endure the high electric fields surrounding power lines. The cable's strength is provided by non-metallic reinforcement, ensuring its stability and reliability in long-distance installations.

ADSS cables are primarily used in power lines and long-distance communication lines, particularly in complex terrains like valleys and rivers. Due to its weather resistance and tensile strength, ADSS cables are also commonly used in coastal areas, high altitudes, and other harsh environments. Additionally, it plays a key role in building communication infrastructure in both urban and rural areas, especially in the backbone networks of power companies and telecom service providers.

##### ADSS Cable Place Order Information

Our Product Introduction

Fiber count	Structure	Fibers per tube	Loose tube diameter (mm)	CSM diameter/pad diameter (mm)	Nominal Thickness of outer jacket (mm)	Cable diameter/Height (mm)	Cable weight (kg/km)
4	1+6	4	1.9±0.1	2.0/2.0	1.6	9.5±0.2	80
6	1+6	6	2.0±0.1	2.0/2.0	1.6	9.8±0.3	80
8	1+6	4	1.9±0.1	2.0/2.0	1.6	9.8±0.3	80
12	1+6	6	2.1±0.1	2.0/2.0	1.6	9.8±0.3	80
24	1+6	12	2.1±0.1	2.0/2.0	1.6	9.8±0.3	80
36	1+6	12	2.2±0.1	2.0/2.0	1.6	10.0±0.3	85
48	1+6	12	2.2±0.1	2.0/2.0	1.6	10.0±0.3	85
72	1+6	12	2.2±0.1	2.0/2.0	1.6	10.0±0.3	85
96	1+8	12	2.2±0.1	2.0/3.4	1.7	11.8±0.3	123
144	1+12	12	2.2±0.1	3.0/6.2	1.7	14.5±0.3	175

**Fiber Parameters**

No.	Items	Unit	Specification	
			G.652D	
1	Mode Field Diameter	1310nm	9.2±0.4	
		1550nm	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	Acc≤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 <sup>1/2</sup> km	0.2	
16	Link design values	Ps <sup>1/2</sup> km	0.1	
17	Two way average	1310nm-1550	≤0.01dB	

**Benefits of ADSS Cable**

**BENEFIT 1**

No Metal Support Needed

ADSS cables rely solely on their dielectric properties, eliminating the need for metal support structures and reducing installation costs.

**BENEFIT 2**

High Voltage Tolerance

Designed to withstand high electric fields, ADSS cables perform reliably near high-voltage power lines without interference from electromagnetic fields.

**BENEFIT 3**

Excellent Durability

With superior weather resistance and tensile strength, ADSS cables excel in harsh environments like coastal areas and high altitudes, ensuring long-term performance.

**Applications of ADSS Cables**



Long span fiber optic cable

High altitude fiber optic cable

high voltage environment cable

**Installation of ADSS Fiber Optic Cable**

When installing ADSS cables, ensure proper tension, maintain safe distance from power lines, consider environmental factors, and follow recommended span lengths for optimal performance.



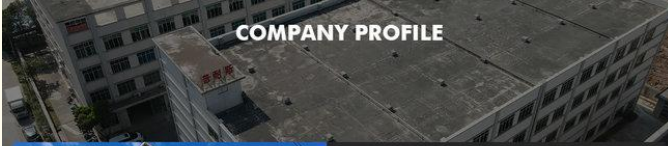



**Optical Fiber Hardware for ADSS cables**



**Production Supplier Profile**

### COMPANY PROFILE





**ABOUT FIBER**  
Guangzhou fiber cablepulv co.,ltd

Fiber cablepulv 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 successively 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.



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- 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.

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