

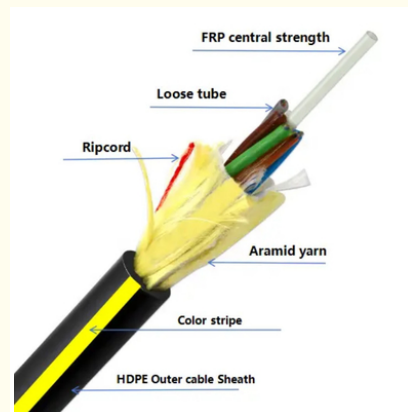


## ADSS Fiber Optic Cable Aerial Single Mode 6-144 Core PE Sheath

Our Product Introduction

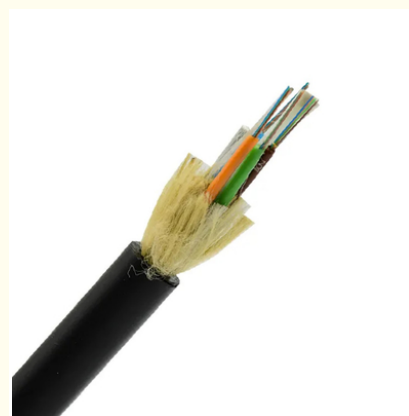
### Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: ADSS-96b1.3-SJ-100M/200M/300M
- Minimum Order Quantity: 2km
- Price: negotiate
- 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

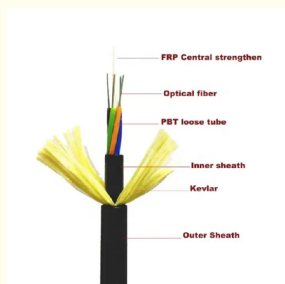


### Product Specification

- Type: ADSS Optical Cable-96b1.3
- Fiber Type: Single Mode
- Fiber Count: 6/12/24/36/48/72/96/144
- Outer Sheath: Black PE
- Inner Sheath Material: PE/AT
- Installation Method: Aerial
- Strength Member Material: FRP/ARMID YARN
- Cable Diameter: 12.5mm
- Highlight: 288 Core ADSS Fiber Optic Cable, Outdoor ADSS Fiber Optic Cable



### More Images



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## Product Description

### ADSS Fiber Optic Cable - Aerial Single/Double Jacket

Available in 12, 24, 48, 72, 96, 144, and 288 core configurations for outdoor fiber optic applications.

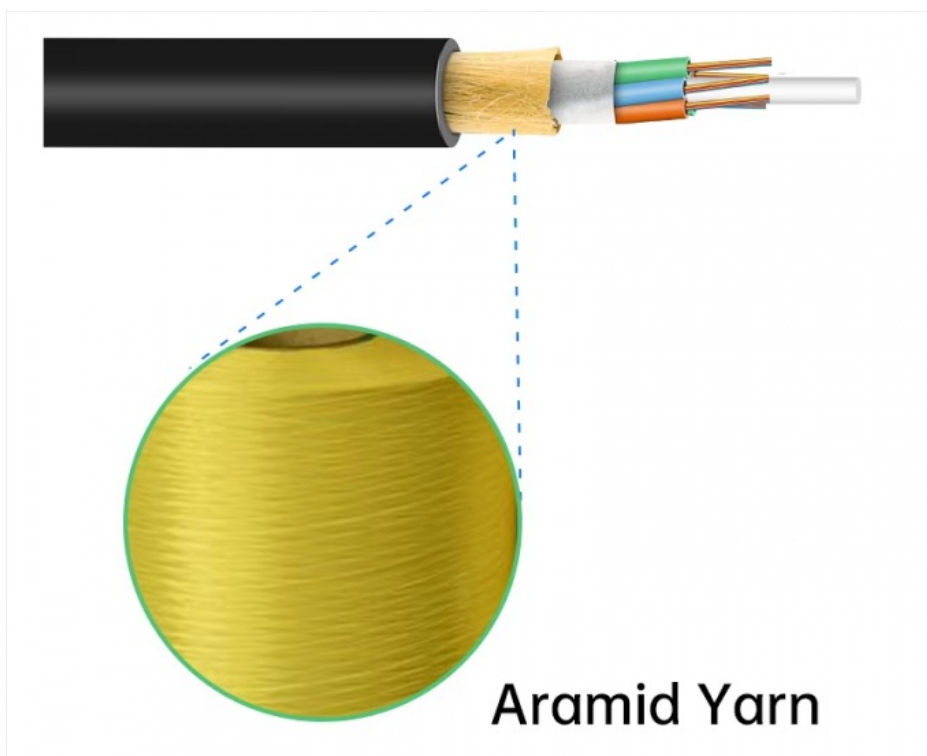
#### Product Specifications

|                          |                           |
|--------------------------|---------------------------|
| Type                     | ADSS optical cable-96b1.3 |
| Fiber Type               | Single mode               |
| Fiber Count              | 6/12/24/36/48/72/96/144   |
| Outer Sheath             | Black PE                  |
| Inner Sheath Material    | PE/AT                     |
| Installation Method      | Aerial                    |
| Strength Member Material | FRP/ARMID YARN            |
| Cable Diameter           | 12.5mm                    |

#### Product Overview

ADSS (All-Dielectric Self-Supporting) fiber optic cable uses an all-dielectric structure and requires no metal support. Can be installed without shutting off the power.

- Excellent AT performance with maximum inductive at the operating point of AT jacket reaching 25kV
- Light weight and small diameter reduces load caused by ice and wind
- Large span lengths with maximum span over 200m
- Excellent tensile strength and temperature performance
- Design life span exceeds 30 years



#### Ordering Specifications

| 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+1<br>2 | 12 | 2.2±0.1 | 3.0/6.2 | 1.7 | 14.5±0.3 | 175 |

#### Fiber Parameters (G.652D)

| No. | Items                                     | Unit  | Specification  |
|-----|---|-------|--|
| 1   | Mode Field Diameter (1310nm/1550nm)       | μm    | 9.2±0.4 / 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    | $\lambda_{cc} \leq 1260$                               |
| 9   | Attenuation (max.) at various wavelengths | dB/km | 1310nm ≤0.35, 1550nm ≤0.21, 1380nm ≤0.35, 1625nm ≤0.24 |

#### Key Benefits

- All-dielectric design eliminates need for metal support structures, reducing installation costs
- Withstands high electric fields and performs reliably near high-voltage power lines
- Superior weather resistance and tensile strength for harsh environments
- Long-term performance in coastal areas and high altitudes



#### Applications



## Compatible Hardware



## Supplier Profile



## COMPANY PROFILE



### ABOUT FIBER

Guangzhou fiber cablepuls co.,ltd

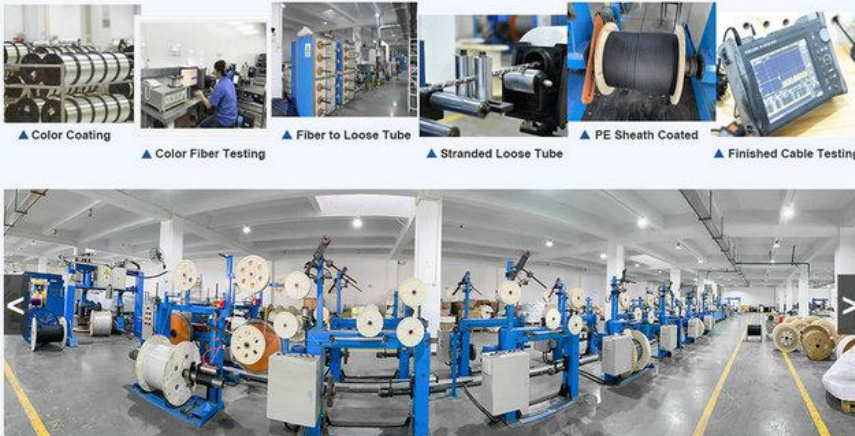
Fiber cablepuls is one of the high-tech fiber optic cable factories in China that can produce the most complete series of fiber optic cables, equipped with the most advanced fiber optic cable manufacturing, and have the most advanced fiber optic connector production and testing equipment in China.

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



### OUR PRODUCTION CAPACITY AND QUALITY CONTROL SYSTEM



### Ordering Process

1. Send your purchase intention to our email: [cotton@fibercablepuls.com](mailto:cotton@fibercablepuls.com)
2. Our sales team will contact you to confirm product specifications, packaging, and quantity
3. Sign the contract or Proforma Invoice
4. After receiving your deposit, we will arrange production
5. 2 weeks before production completion, we will notify you to arrange shipping



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