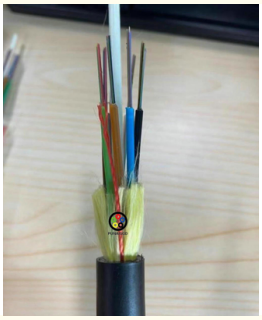
# Wholesale Outdoor Aerial 2 4 6 8 12 24 48 72 96 Core ADSS Optical Fiber Optic Drop Communication Cable China Factory

Our Product Introduction

## Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: ADSS-12b1.3-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 Optical Cable-12b1.3-100m
- Fiber Type: Single Mode
- Fiber Count: 6/12/24/36/48/72/96/144
- Oute Sheath: Black PE
- Inner Sheath Material: PE/AT
- Installation Method: Aerial
- Strength Member Material: FRP/ARMID YARN
- Cable Diameter: 12.5mm
- Highlight: **Outdoor Aerial ADSS Fiber Optic Cable**, **24 Core ADSS Fiber Optic Cable**, **96 Core ADSS Fiber Optic Cable**

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Our Product Introduction

## Product Description

**ADSS Fiber Optic Cable Wholesale Outdoor Aerial 2 4 6 8 12 24 48 72 96 Core ADSS Optical Fiber Optic Drop Communication Cable China Factory**

Weather Resistance
UV Resistance: ADSS cables are resistant to ultraviolet (UV) radiation, making them durable even when exposed to direct sunlight over long periods.
Temperature Tolerance: These cables are designed to withstand a wide range of temperatures, ensuring reliability in various climates.
Water and Corrosion Resistance: The all-dielectric materials used in ADSS cables are also resistant to water and corrosion, making them suitable for use in harsh environmental conditions.

High-Fiber Count
Fiber Capacity: ADSS cables can carry a large number of optical fibers, allowing for high data transmission capacity over long distances.
Low Attenuation: The optical fibers within ADSS cables have low signal attenuation, ensuring high-quality signal transmission over long distances.

Ease of Installation
No Grounding Required: Since ADSS cables are all-dielectric, they do not require grounding, which simplifies the installation process and reduces costs.
Flexible Routing: The cables can be installed along existing power lines, reducing the need for new infrastructure.

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Long Lifespan
Durability: ADSS cables are designed for long-term use, with a typical lifespan of 20 to 30 years, depending on environmental conditions.
Minimal Maintenance: Once installed, these cables require minimal maintenance, further reducing operational costs.


**ADSS Cable Place Order Information**

| 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 | 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 | λcc≤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/(nm2•km) | ≤0.092 |
| 14 | Typical value | | ps/(nm2•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 |

**Benefits of ADSS Cable**

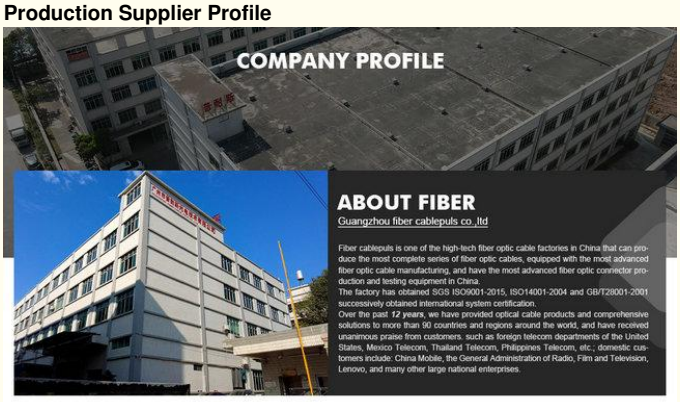
ADSS cables rely solely on their dielectric properties, eliminating the need for metal support structures and reducing installation costs.
Designed to withstand high electric fields, ADSS cables perform reliably near high-voltage power lines without interference from electromagnetic fields.
With superior 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**

**Optical Fiber Hardware for ADSS cables**




## Production Supplier Profile





**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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