# ADSS Fiber Optic Cable 300M Span All Dielectric Self-Supporting Double Jackets Optical Fiber Cable

Our Product Introduction

## Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: ADSS-96b1.3-DJ-300M
- 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-96b1.3-300m
- 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: **Double Jackets ADSS Fiber Optic Cable**, **300M Span ADSS Fiber Optic Cable**, **Self-Supporting ADSS Fiber Optic Cable**

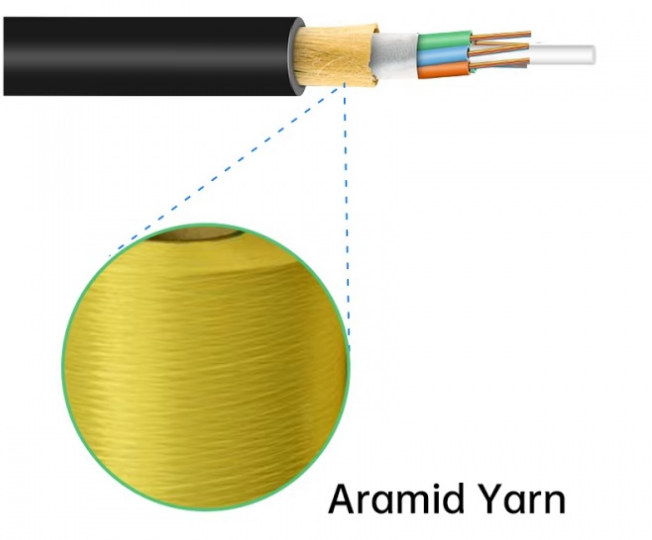
## More Images


for more products please visit us on fiberoptical-cables.com

Our Product Introduction

## Product Description

**ADSS Fiber Optic Cable ADSS-300M Span All Dielectric Self-Supporting Double Jackets Optical Fiber Cable**
The self-supporting aerial cable is designed for aerial self-supporting applications at short, medium, and long-span distances. ADSS cable offers a rapid and economical means for deployment by cable television operators, telephone companies, and power utilities. It is adopted for high voltage, middle, and small span conditions in Power Transmission systems or mazy terrain such as river-spanning, and mountains.
The self-supporting aerial cable has an anti-thunderstorm property as its structure doesn't contain any piece of metal. It is perfectly adapted to bad weather conditions.




**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**

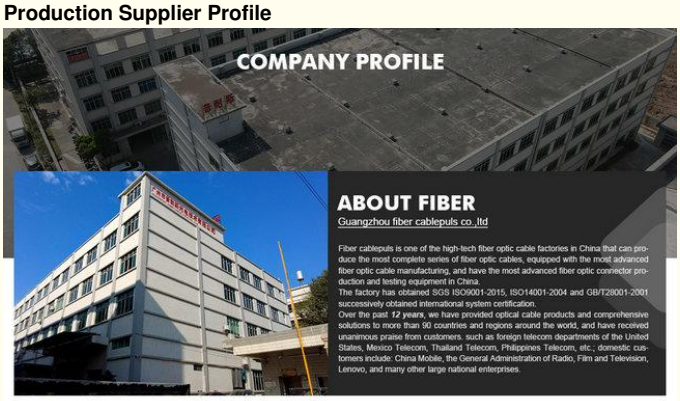
ADSS cables rely solely on their dielectric properties, eliminating the need for metal support structures and reducing installation costs.
Designed to withstand high electric fields, ADSS cables perform reliably near high-voltage power lines without interference from electromagnetic fields.
With superior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