



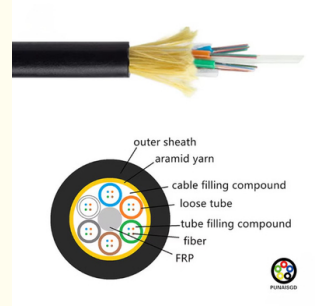
## ADSS FIBER OPTIC CABLE 12 24 48 96 Core Aerial Single Mode Fiber Optic Cable G652D Outdoor Type 1KM Span 200m HDPE Single Outer Jacket Black

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 fiber optic cable
- 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 Fiber Optic Cable
- Fiber Type: Single Mode/multimode
- Fiber Count: 6/12/24/36/48/72/96/144
- Outer Sheath: Black PE /AT
- Installation Method: Aerial
- Strength Member Material: FRP/ARMID YARN
- Production Capacity: 200km Per Day
- HS Code: 854470000
- Highlight: **1KM ADSS FIBER OPTIC CABLE,  
Black ADSS FIBER OPTIC CABLE,  
Outdoor Type ADSS FIBER OPTIC CABLE**



### Product Description

#### ADSS FIBER OPTIC CABLE Adss 12 24 48 96 Core Aerial Single Mode Fiber Optic Cable G652D Outdoor Type 1KM Price Span 200m HDPE Single Outer Jacket Black

ADSS Single Jacket All-Dielectric Self-Supporting Fiber optic cable is ideal for installation in distribution as well as transmission environments. As its name indicates, there is no support or messenger wire required, so installation is achieved in a single pass.

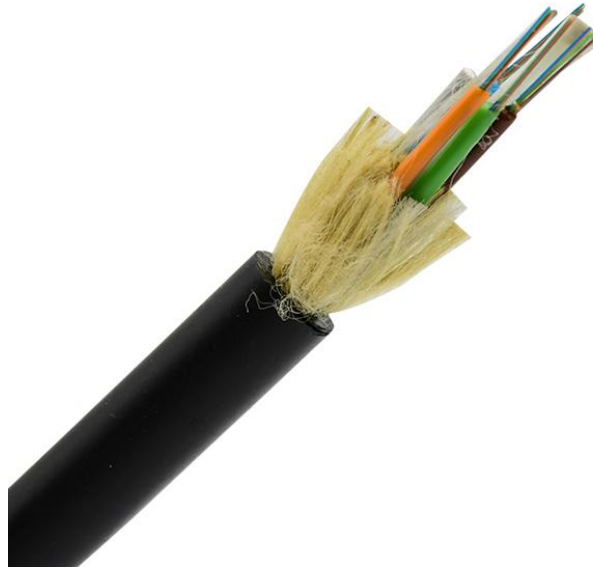
ADSS fiber optic cable (All-Dielectric Self-Supporting) fiber optic cable is a non-metallic cable which supports its own weight without the use of lashing wires or messenger cables. ADSS cable (All-Dielectric Self-Supporting) cable is ideal for installation in distribution as well as transmission environments, even when live-line installations are required. ADSS Fiber As its name indicates, there is no support or messenger wire required, so installation is achieved in a single pass, making ADSS an economical and simple means of building a fiber optic network.

#### 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                   |

Our Product Introduction

|     |      |    |         |         |     |          |     |
|-----|------|----|---------|---------|-----|----------|-----|
| 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                       | 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              |

#### 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.



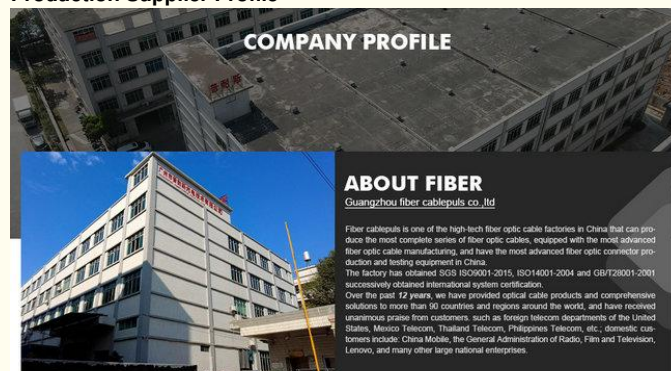
#### Applications of ADSS Cables



#### Optical Fiber Hardware for ADSS cables



#### Production Supplier Profile



#### 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.

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