



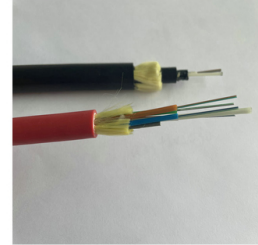
ADSS Single Mode Outdoor Aerial Fiber Optic Cable G652D 48 Core 120m Span

Our Product Introduction

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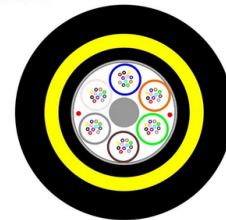
Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAI SGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: ADSS-DJ-48b1.3-100M
- Minimum Order Quantity: 2km
- Price: 190
- 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

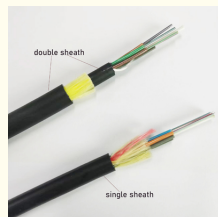


Product Specification

- Cable Length: 3000m
- Outer Sheath: PE And AT
- Sheath: PE
- Installation Style: Self-Support Aerial
- Strength Material: Aramid Yarn
- Transport Package: Wooden Reel
- Package: 3km/roll Or Customized
- Inner Sheath: MDPE
- Manufacturer: Yes
- Installation Method: Aerial
- Item: 48 Core ADSS Outdoor Fiber Cable
- Application For: Aerial, Power Telecommunication
- Number Of Conductor: ≥ 10
- Highlight: Aerial Fiber Optic Cable 120m, Single Mode G652D Fiber Optic Cable, 48 Cores, 10.4mm diameter



More Images



Product Description

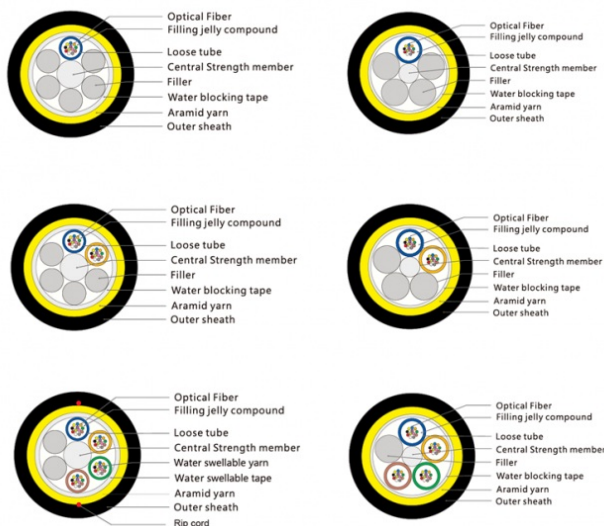
ADSS 48 Core 120m Span Single Mode Fiber Cable G652D Outdoor Aerial Fiber Optic Cable

Each tube has 12 cores, a total of 48 cores of single-mode G652 optical fiber, using HDPE material sheath to ensure that outdoor plants can resist UV rays for 25 years, and the tensile load can reach up to 2500N, ensuring good quality when pulling and releasing ADSS optical cables, reducing cable breakage accidents. Backbone network Excellent mechanical performance concept as distributor and feeder cable.

Cable laying method: overhead and overhead self-supporting poles

Features: 120m span, black PE sheath, 10.4mm diameter ads cable

Our Product Introduction



High quality PE/HDPE material

cable sheath, very smooth
surface, anti-UV, flame-Resistant



ADSS Cable Place Order Information

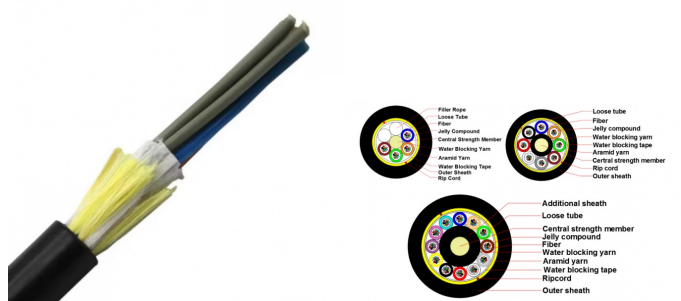
| No. of Fibers | 2-36 | 38-72 | 74-96 | 98-120 | 122-144 | 146-216 |
|------------------------|---|-------|-------|--------|---------|--------------|
| Max No. of Fibers/Tube | 6 | 12 | 12 | 12 | 12 | 12 |
| No. of Tube(+Fillers) | 6 | 6 | 8 | 10 | 12 | 18(2 layers) |
| Nominal Diameter | 10.7 | 13.2 | 13.9 | 15.4 | 16.8 | 17 |
| Cable Weight(kg/km) | 89 | 135 | 150 | 185 | 220 | 225 |
| Fiber Type | G652D G657A1 OM1 OM2 OM3 OM4 | | | | | |
| Max .Allowable Tension | Short Term :3500N Long Term:100N MAT:3.5Kn RTS:9.0Kn Wind Speed: ≤30m/s lcs:0mm | | | | | |
| Min.Bend Radius (mm) | Dynamic:20D Static:10D (D: Cable diameter) | | | | | |
| Temperature Range | -40°C~+70°C(Transportation& Storage) -35°C~+65°C(Installation) -40°C~+70°C(Operation) | | | | | |

Fiber Parameters

| Index 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 | Accs1260 |
| 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 |
| | | 1288-1339nm | ps/(nm.km) | ≥-3.5, ≤3.5 |

| | | | | |
|----|----------------------------|-------------|--------------------------|-------------|
| 11 | Dispersion | 1271-1360nm | ps/(nm.km) | ≥-5.3, ≤5.3 |
| | | 1480-1580nm | ps/(nm.km) | ≤20 |
| | | 1550nm | ps/(nm.km) | ≤18 |
| | | | Nm | 1300-1324 |
| 12 | Zero dispersion wavelength | | | |
| 13 | Zero dispersion slope | | ps/(nm ² .km) | ≤0.092 |
| 14 | Typical value | | ps/(nm ² .km) | 0.04 |
| 15 | Largest individual fiber | | Ps/n km | 0.2 |
| 16 | Link design values | | Ps/n km | 0.1 |
| 17 | Two way average | 1310nm-1550 | | ≤0.01dB |

Single Sheath ADSS Cable:



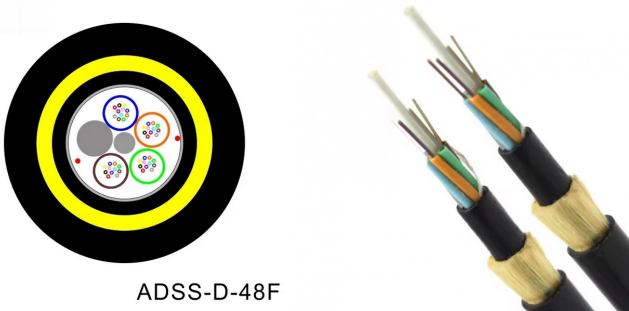
Construction:
This type features a single outer jacket layer. Lightweight: It's typically lighter than double sheath variants.

Applications:
Ideal for environments with lower risk of mechanical damage or where cable weight is a critical factor.

Cost-Efficient:
Generally more cost-effective due to less material usage.

Environmental Resistance:
Offers sufficient protection against UV rays, moisture, and minor abrasions.

Double Sheath ADSS Cable:



Construction:
Equipped with two layers of sheathing, an inner and an outer jacket.

Enhanced Protection:
Provides better mechanical protection, making it suitable for harsher environments.

Durability:
More resistant to abrasion, rodents, and other forms of physical damage.

Weight and Cost:
Heavier and typically more expensive than single sheath cables due to additional materials.

Applications:
Preferred in areas with higher potential for mechanical stress, such as regions with dense vegetation or frequent severe weather.

Optical Fiber Hardware for ADSS cables



Production Supplier Profile

COMPANY PROFILE



ABOUT FIBER

[Guangzhou fiber cablepuls co.,ltd](mailto:cotton@fibercablepuls.com)

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 successfully 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



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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