



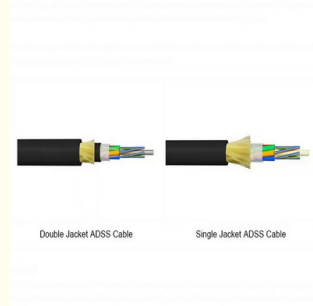
ADSS Outdoor Aerial Fiber Optic Cable Single Mode G652D 12 24 48 96 144 Core

Our Product Introduction

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

Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: ADSS-SJ-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

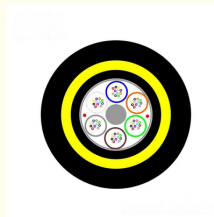
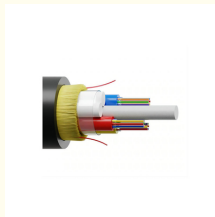
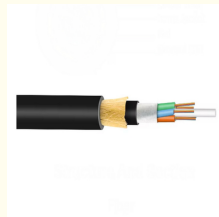


Product Specification

- Fiber Type: G.652D
- Metal: No Metal
- Function: Delivery Signal Light
- Insertion Loss: ≤ 0.30 dB
- Tube: Multi Loose Tube
- Operating Temp: $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$
- Installation: Aerial
- Cable Diameter: $10.0\text{mm} \pm 0.5\text{mm}$
- Sheath: PE
- Length: 2/3/4km One Drum
- Span: 100/120/200/300/400 Customized
- Core Count: 48 Core
- Item Name: 96core ADSS Fiber Optic Cable
- Highlight: G652D Aerial Fiber Optic Cable, Aerial Fiber Optic Cable 144 Core, 24 Core ADSS Fiber Optic Cable



More Images

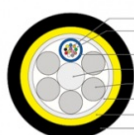


Product Description

All Dielectric 12 24 48 96 144 Core Single Mode G652D ADSS Outdoor Fibra Optica Aerial Fibre Optical Fiber Optic Cable

- 1) Small diameter, light weight, the span can reach to 1500m, with a low additional load to the tower.
- 2) Strong anti-pull performance, more than 90KN.
- 3) Non-metallic structure, good insulated performance, thunder-proof.
- 4) The equality span and good performance when meeting an emergency.
- 5) Good performance of anti-gun and anti-erode
- 6) Suitable for bad climate.
- 7) Can work without electric stop.
- 8) Structure characteristic Loose tube and non-metallic strengthen High flexible , can work under the environment at electric fields $\leq 25\text{KV/m}$.

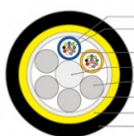
Our Product Introduction



Optical Fiber
Filling jelly compound
Loose tube
Central Strength member
Filler
Water blocking tape
Aramid yarn
Outer sheath



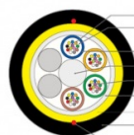
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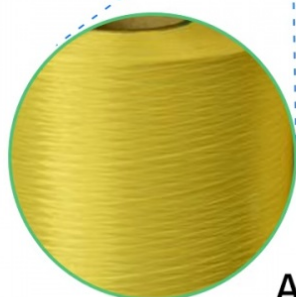
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Optical Fiber
Filling jelly compound
Loose tube
Central Strength member
Water swellable yarn
Water blocking tape
Aramid yarn
Outer sheath
Rip cord



Optical Fiber
Filling jelly compound
Loose tube
Central Strength member
Filler
Water blocking tape
Aramid yarn
Outer sheath



Aramid Yarn

Features and Applications

- ✓ High tensile strength
- ✓ All dielectric structure and semi-dry core design
- ✓ Small diameter and light weight
- ✓ Self-supporting aerial installation

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)
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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	
1	Mode Field Diameter		1310nm		μm	G.652D	
			1550nm		μm	9.2±0.4	
2	Cladding Diameter				μm	10.4±0.8	
3	Cladding Non-Circularity				μm	125.0±1.0	
4	Core-Cladding Concentricity Error				%	≤1.0	
5	Coating Diameter				μm	≤0.5	
6	Coating Non-Circularity				μm	245±5	
7	Cladding-Coating Concentricity Error				%	≤6.0	
8	Cable Cutoff Wavelength				μm	≤12.0	
9	Attenuation(max.)		1310nm		nm	λ _c ≤1260	
			1550nm		dB/km	≤0.35	
			1380nm		dB/km	≤0.21	
			1625nm		dB/km	≤0.35	
10	Attenuation and wavelength		1310nm 1285-1330nm		dB/km	≤0.24	
			1550nm 1525-1575nm		dB/km	≤0.04	
			1550nm 1480-1580nm		dB/km	≤0.03	
11	Dispersion		1288-1339nm		ps/(nm.km)	≤0.05	
			1271-1360nm		ps/(nm.km)	≥-3.5, ≤3.5	
			1480-1580nm		ps/(nm.km)	≥-5.3, ≤5.3	
			1550nm		ps/(nm.km)	≤20	
12	Zero dispersion wavelength				Nm	≤18	
13	Zero dispersion slope				ps/(nm ² ·km)	1300-1324	
14	Typical value				ps/(nm ² ·km)	≤0.092	
15	Largest individual fiber				Ps/√ km	0.04	
16	Link design values				Ps/√ km	0.2	
17	Two way average				1310nm-1550	0.1	
						≤0.01dB	

Cable Marking&Fibers Colors

COMPANY Fiber cable name N*cores G.652D 2024 XXXXm

*The marking is printed every 1 meter;

***G.652D* means ITU-T Rec. Low Water Peak (LWP) G.652 single mode optical fiber..

Also can according to client cable marking.



Types of the ADSS cables

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.

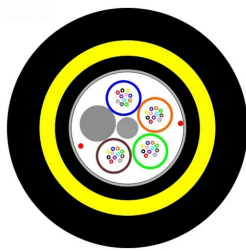
Cost-Efficient:

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:



ADSS-D-48F



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.

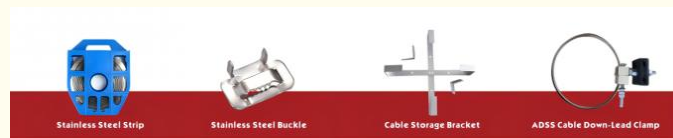
Weight and Cost:

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.

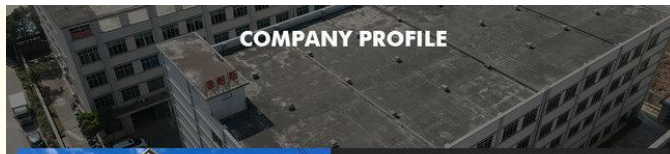
Optical Fiber Hardware for ADSS cables




Production Supplier Profile



+8613687956390 cotton@fibercabl



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 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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