



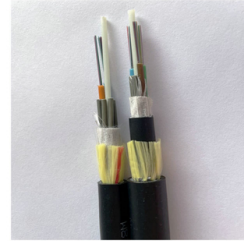
## Non Metallic FO ADSS Cable 12 24 48 128 Core For Outdoor

Our Product Introduction

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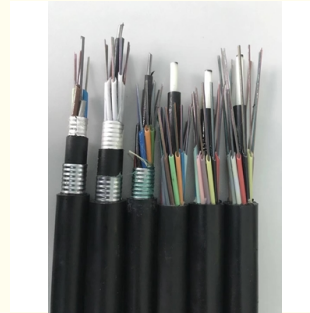
### Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAIISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: ADSS-DJ/SJ-100M/200M/300M
- 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

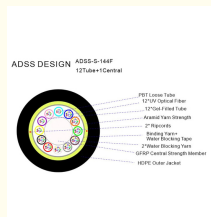
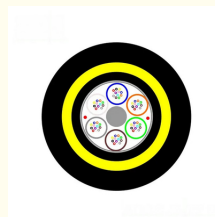


### Product Specification

- Fiber Count: 24/48/96/144
- Temperature Range: -40°C To +70°C
- Fiber Type: Single-mode
- Inner Sheath Material: PE
- Installation Method: Aerial
- Strength Member Material: FRP/ARMID YARN
- Filler: Filling Compound
- Installation: Self-supporting Aerial
- Factory: Yes
- Strengthen Member: Kevlar Yarn+ E-glass
- Highlight: FO ADSS Cable, ADSS Cable 12 Core, Outdoor ADSS Cable



### More Images



### Product Description

#### Factory Supply 12 24 48 128 Core ADSS Non Metallic FO Cable Fibra Optica ADSS For Outdoor

##### Introduction

ADSS cable is loose tube stranded. Fiber, 250 $\mu$ m, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. The tubes (and fillers) are stranded around a FRP (Fiber Reinforced Plastic) as a non-metallic central strength member into a compact and circular cable core. After the cable core is filled with filling compound, it is covered with thin PE (polyethylene) inner sheath. After stranded layer of aramid yarns are applied over the inner sheath as strength member, the cable is completed with PE or AT (anti-tracking) outer sheath.

Our Product Introduction





ADSS Cable Place Order Information

Cable structure									
No. of fiber	8 cores	16cores	24cores	32cores	48cores	64cores	96cores	128cores	144cores
No. of fiber/tube	2cores	4cores	4cores	8cores	8cores	8cores	8cores	12+8cores	12cores
No. of Tube	4	4	6	4	6	8	12	10+1	12
Inner Diameter(mm)	1.7±0.1	1.7±0.1	1.7±0.1	1.7±0.1	1.7±0.1	1.7±0.1	1.7±0.1	1.7±0.1	1.7±0.1
Diámetro exterior(mm)	2.5±0.1	2.5±0.1	2.5±0.1	2.5±0.1	2.5±0.1	2.5±0.1	2.5±0.1	2.5±0.1	2.5±0.1
Filler	2	2	-	2	-	-	-	-	-
CentralStrength Member(FRP) mm	2.6	2.6	2.6	2.6	2.6	3.5	2.6/7.2	2.6/7.2	2.6/7.2
Tear rope (inner sheath)	2	2	2	2	2	2	2	2	2
Thickness of PE inner sheath	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Outer diameter of PE inner sheath	10.0	10.0	10.0	10.0	10.0	10.9	14.6	14.6	14.6
Reinforcing layer aramid	Dome stic aramid fiber	-	-	-	-	-	-	-	-
Tear rope (outer sheath)	2	2	2	2	2	2	2	2	2
PE outer protection thickness	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Outer diameter of PE outer sheath	13.3±0.5	13.3±0.5	13.3±0.5	13.3±0.5	13.3±0.5	14.2±0.5	17.9±0.5	18.0±0.5	18.1±0.5

Fiber Parameters			
No.	Items	Unit	Specification
			G.652D
1	Mode Field Diameter	1310nm 1550nm	μm μm
2	Cladding Diameter		9.2±0.4
3	Cladding Non-Circularity		μm
4	Core-Cladding Concentricity Error		125.0±1.0
5	Coating Diameter		%
6	Coating Non-Circularity		≤1.0
7	Cladding-Coating Concentricity Error		μm
8	Cable Cutoff Wavelength		≤0.5
			nm
			λ <sub>c</sub> ≤1260
9	Attenuation(max.)	1310nm 1550nm 1380nm 1625nm	dB/km dB/km dB/km dB/km
			≤0.35 ≤0.21 ≤0.35 ≤0.24
10	Attenuation and wavelength	1310nm 1285-1330nm 1550nm 1525-1575nm 1550nm 1480-1580nm	dB/km dB/km dB/km
			≤0.04 ≤0.03 ≤0.05
11	Dispersion	1288-1339nm 1271-1360nm 1480-1580nm 1550nm	ps/(nm.km) ps/(nm.km) ps/(nm.km) ps/(nm.km)
			≥-3.5, ≤3.5 ≥-5.3, ≤5.3 ≤20 ≤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



### Single 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:

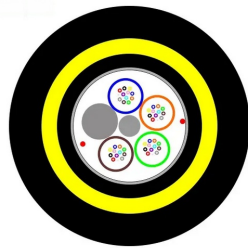
Heavier and typically more expensive than single sheath cables due to additional materials.

#### Applications:

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



### Double Sheath ADSS Cable:



ADSS-D-48F



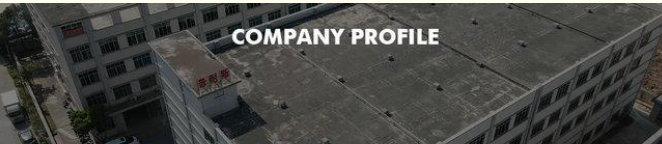
### Optical Fiber Hardware for ADSS cables








## Production Supplier Profile



### 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 successively 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](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.

925-926, Building B1, No. 2 Chuanghui Avenue, Yonghe Yushan InternationalGuangzhou city,Guangdong province,China