



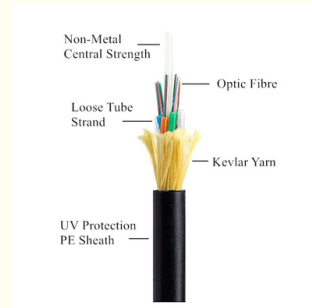
## ADSS Fiber Optic Cable 12 24 48 96 Core 80m 100m 120m Span Adss Fiber Optic Cable FIBRA ADSS 12 HILOS

Our Product Introduction

for more products please visit us on [fiberoptical-cables.com](http://fiberoptical-cables.com)

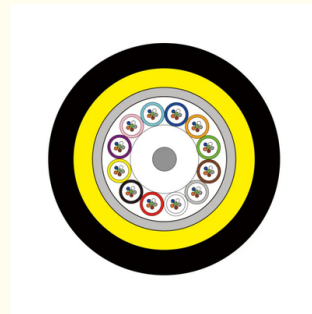
### Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: ADSS-48b1.3-SJ-100M/200M/300M
- 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

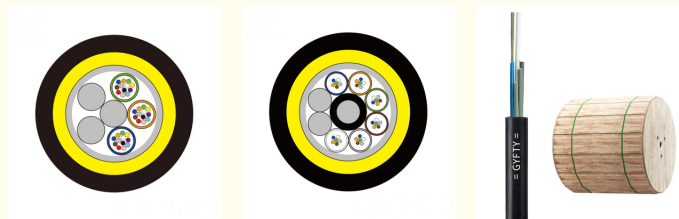


### Product Specification

- Type: ADSS Optical Cable-48b1.3
- Fiber Type: Single Mode
- Fiber Count: 6/12/24/36/48/72/144
- Outer Sheath: Black PE
- Inner Sheath Material: PE/AT
- Installation Method: Aerial
- Strength Member Material: FRP/ARMID YARN
- Cable Diameter: 12.5mm
- Highlight: 12 Core ADSS Fiber Optic Cable, 100m ADSS Fiber Optic Cable, 80m ADSS Fiber Optic Cable



### More Images



### Product Description

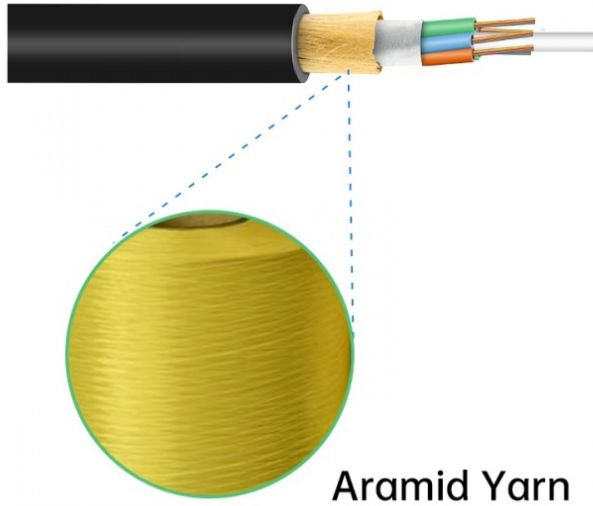
#### ADSS Fiber Optic Cable 12 24 48 96 Core 80m 100m 120m Span Adss Fiber Optic Cable FIBRA ADSS 12 HILOS

ADSS (All-Dielectric Self-Supporting) fiber optic cable uses an all-dielectric structure and requires no metal support. It is primarily composed of optical fibers, weather-resistant sheaths, and reinforcing cores. The outer sheath typically uses high-strength weather-resistant materials, such as PE or AT sheaths, offering excellent resistance to corrosion, UV rays, and electromagnetic interference, ensuring long-term use in harsh environments.

The design of ADSS (All-Dielectric Self-Supporting) fiber optic cable allows it to withstand its own weight and external tension without relying on metal supports, making it especially suitable for installation on high-voltage power lines. It has excellent electric field resistance and is unaffected by electromagnetic interference from high-voltage transmission lines, enabling it to endure the high electric fields surrounding power lines. The cable's strength is provided by non-metallic reinforcement, ensuring its stability and reliability in long-distance installations.

ADSS cables are primarily used in power lines and long-distance communication lines, particularly in complex terrains like valleys and rivers. Due to its weather resistance and tensile strength, ADSS cables are also commonly used in coastal areas, high altitudes, and other harsh environments. Additionally, it plays a key role in building communication infrastructure in both urban and rural areas, especially in the backbone networks of power companies and telecom service providers.

Our Product Introduction



Aramid Yarn

#### 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 1550nm	μm μm
2	Cladding Diameter		μm
3	Cladding Non-Circularity		%
4	Core-Cladding Concentricity Error		μm
5	Coating Diameter		μm
6	Coating Non-Circularity		%
7	Cladding-Coating Concentricity Error		μm
8	Cable Cutoff Wavelength		nm
9	Attenuation(max.)	1310nm 1550nm 1380nm 1625nm	dB/km dB/km dB/km dB/km
10	Attenuation and wavelength	1310nm 1285-1330nm 1550nm 1525-1575nm 1550nm 1480-1580nm	dB/km dB/km dB/km
11	Dispersion	1288-1339nm 1271-1360nm 1480-1580nm 1550nm	ps/(nm.km) ps/(nm.km) ps/(nm.km) ps/(nm.km)
12	Zero dispersion wavelength		Nm
13	Zero dispersion slope		ps/(nm <sup>2</sup> ·km)
14	Typical value		ps/(nm <sup>2</sup> ·km)
15	Largest individual fiber		Ps/√ km
16	Link design values		Ps/√ km
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.



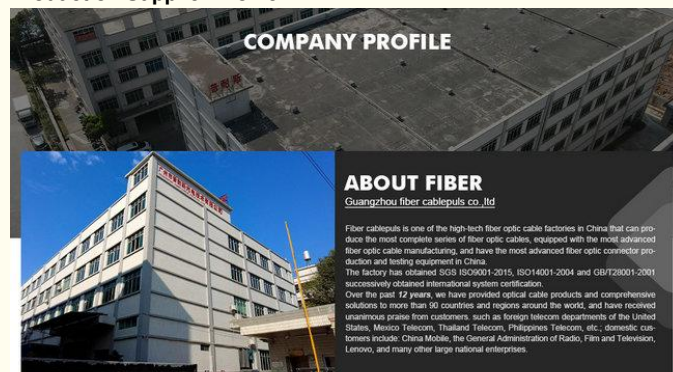
## Applications of ADSS Cables



## 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.

