



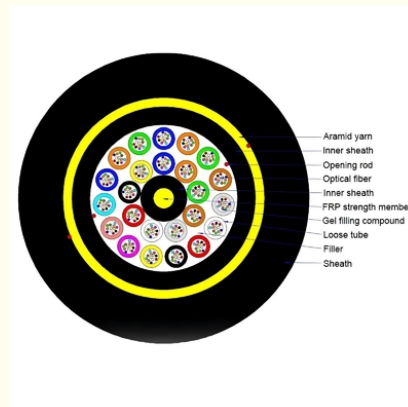
ADSS Fiber Optic Cable 12 24 48 Core Aerial Non-Metallic

Our Product Introduction

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

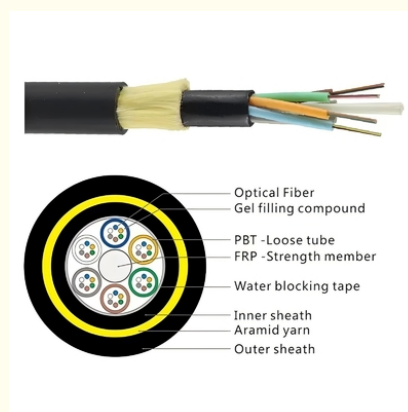
Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: ADSS 96 F
- 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

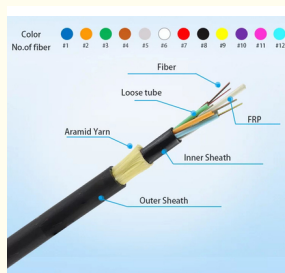


Product Specification

- Type: ADSS 96f
- Fiber Type: Single Mode/multimode
- Fiber Count: 12/24/48
- Outer Sheath: Black PE /AT
- Installation Method: Aerial
- Strength Member Material: FRP/ARMID YARN
- Production Capacity: 200km Per Day
- HS Code: 854470000
- Transport Package: Wooden Drum Or As Per Customer's Request
- Highlight: Aerial ADSS Fiber Optic Cable,
24 Core ADSS Fiber Optic Cable,
12 Core ADSS Fiber Optic Cable



More Images



Product Description

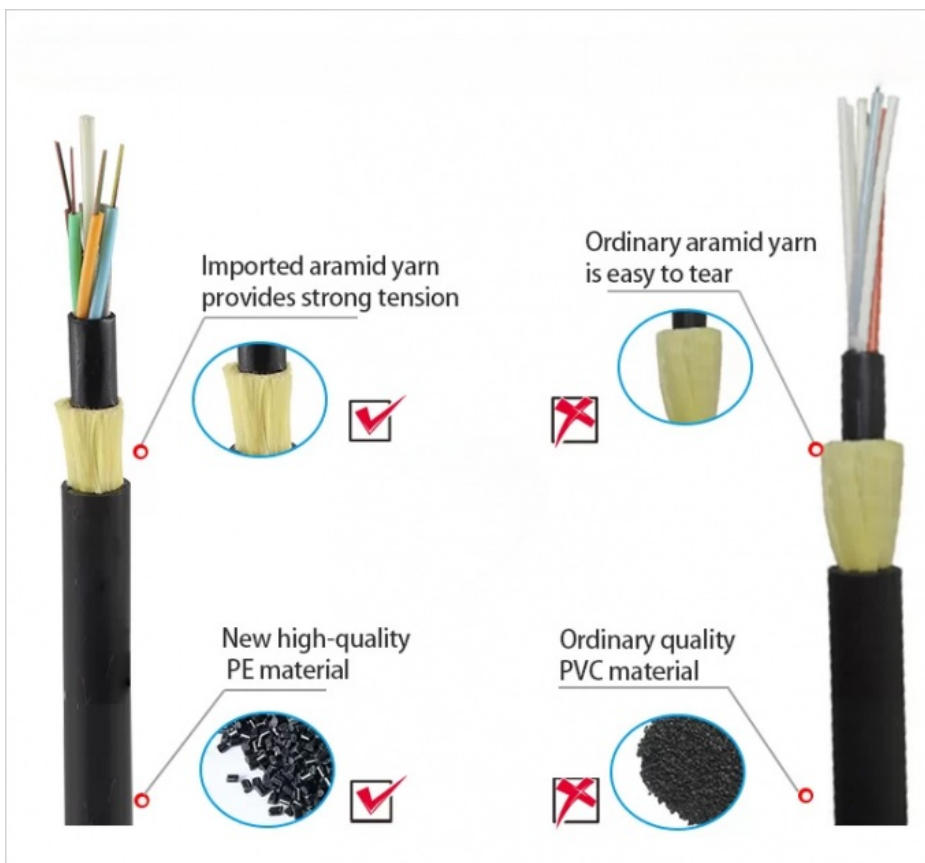
ADSS Fiber Optic Cable - Aerial Non-Metallic 12/24/48 Core All Dielectric Self Supporting

Product Specifications

Type	ADSS 96f
Fiber Type	Single mode/multimode
Fiber Count	12/24/48
Outer Sheath	Black PE /AT
Installation Method	Aerial
Strength Member Material	FRP/ARMID YARN
Production Capacity	200km Per Day
HS Code	854470000
Transport Package	Wooden Drum or as Per Customer's Request

Product Overview

ADSS (All-dielectric Self-supporting) cable is designed for aerial installation and deployment, suitable for various outdoor applications. This self-supporting aerial fiber optic cable eliminates the need for metal support structures while maintaining excellent performance in challenging environments.



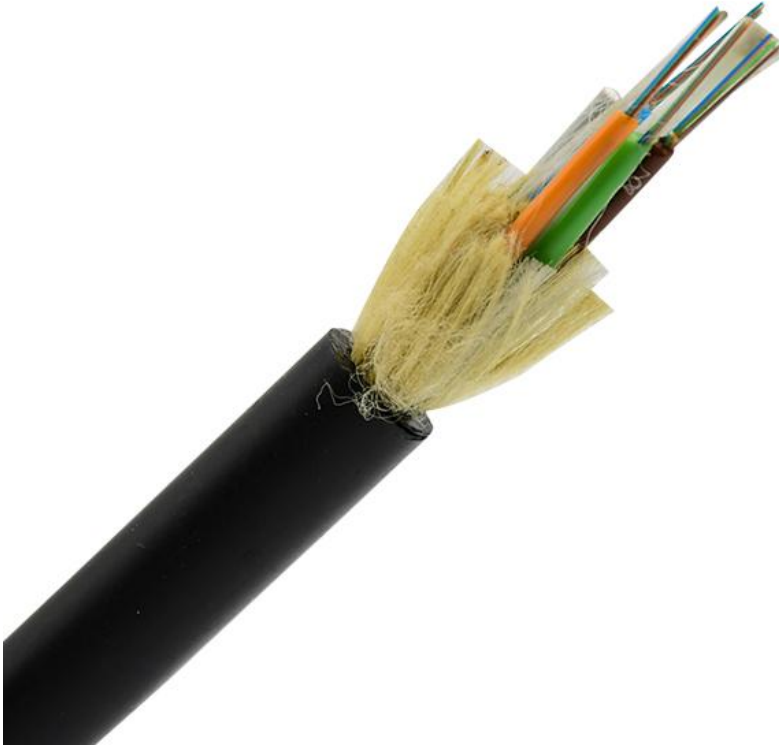
Ordering Specifications

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

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)
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 (G.652D)

No.	Items	Unit	Specification
1	Mode Field Diameter (1310nm)	μm	9.2±0.4
1	Mode Field Diameter (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 _{cc} ≤1260
9	Attenuation(max.) (1310nm)	dB/km	≤0.35
9	Attenuation(max.) (1550nm)	dB/km	≤0.21
9	Attenuation(max.) (1380nm)	dB/km	≤0.35
9	Attenuation(max.) (1625nm)	dB/km	≤0.24
10	Attenuation and wavelength (1310nm 1285-1330nm)	dB/km	≤0.04
10	Attenuation and wavelength (1550nm 1525-1575nm)	dB/km	≤0.03
10	Attenuation and wavelength (1550nm 1480-1580nm)	dB/km	≤0.05
11	Dispersion (1288-1339nm)	ps/(nm.km)	≥-3.5, ≤3.5
11	Dispersion (1271-1360nm)	ps/(nm.km)	≥-5.3, ≤5.3
11	Dispersion (1480-1580nm)	ps/(nm.km)	≤20
11	Dispersion (1550nm)	ps/(nm.km)	≤18
12	Zero dispersion wavelength	Nm	1300-1324
13	Zero dispersion slope	ps/(nm ² •km)	≤0.092
14	Typical value	ps/(nm ² •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



Key Benefits

- All-dielectric construction eliminates the need for metal support structures, reducing installation costs
- Designed to withstand high electric fields and perform reliably near high-voltage power lines
- Superior weather resistance and tensile strength for harsh environments
- Immunity to electromagnetic interference ensures stable signal transmission



Typical Applications

ADSS cables are widely used in power transmission systems, telecommunications networks, and other aerial installations where dielectric properties are required.



Compatible Hardware



Ordering Process

Send your purchase intention to our email: cotton@fibercablepuls.com

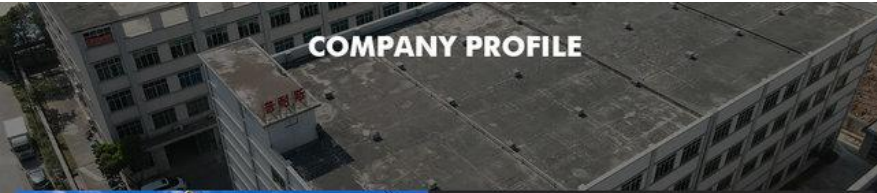
Our sales team will contact you to confirm product specifications, packaging, and other requirements

Sign the contract or Proforma Invoice


After receiving your deposit, we will arrange production

We will notify you 2 weeks before production completion to arrange shipping

Manufacturer Information



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 50 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



guangzhou fiber cablepuls co ltd



+8613687956390



cotton@fibercablepuls.com



fiberoptical-cables.com

925-926, Building B1, No. 2 Chuanghui Avenue, Yonghe Yushan International Guangzhou city, Guangdong

