



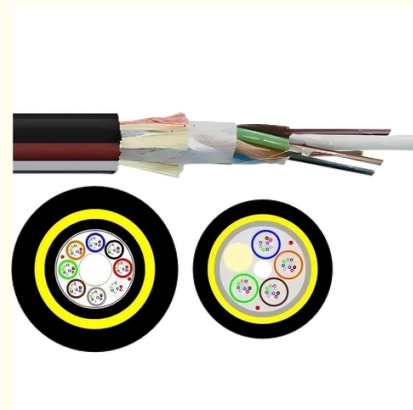
ADSS Fiber Optic Cable 12 24 48 Core G652D Single Jacket 120m

Our Product Introduction

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Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: ADSS fiber optic cable 120m
- 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

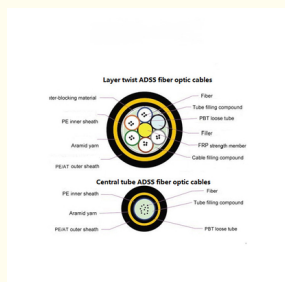


Product Specification

- Type: ADSS Fiber Optic Cable 120m
- Fiber Type: Single Mode/multimode
- Fiber Count: 12/24/48
- Outer Sheath: Black PE
- 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: 24 Core ADSS FIBER OPTIC CABLE,
120m ADSS FIBER OPTIC CABLE,
Single Jacket ADSS FIBER OPTIC CABLE



More Images



Product Description

ADSS Fiber Optic Cable 12/24/48 Core Span 120m G652d Single Jacket Outdoor Fiber Optic Cable

Product Specifications

Attribute	Value
Type	ADSS fiber optic cable 120m
Fiber Type	Single mode/multimode
Fiber Count	12/24/48
Outer Sheath	Black PE
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 Description

All Dielectric Self-Supporting (ADSS) cables are designed for aerial self-supporting applications requiring short, medium and long span distances.

Our ADSS cables offer a rapid and economical means for deploying optical fiber cables along existing aerial rights-of-way. They are deployed by cable television operators, telephone companies, municipalities and emerging network operators, in addition to electric power utilities.

The ADSS cable consists of a number of tubes/elements according to the specified number of fibers. The elements are usually fiber-containing tubes; however fillers may be used to preserve the cable geometry. Two to 24 color-coded fibers are loosely laid in each tube containing a water-blocking gel.

The tubes are stranded around a dielectric central strength member and a water-swelling tape is helically wrapped around the cable core. Aramid yarn strength members are helically laid to provide the required tensile performance of the cable. The outer jacket is tightly bound over the aramid yarn layer. For long span applications a double jacket design can be considered. A ripcord is located under each jacket layer to facilitate its removal.

ADSS Cable 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 (G.652D)

No.	Items	Unit	Specification
1	Mode Field Diameter	1310nm μm 1550nm μm	9.2 \pm 0.4 10.4 \pm 0.8
2	Cladding Diameter	μm	125.0 \pm 1.0
3	Cladding Non-Circularity	%	\leq 1.0
4	Core-Cladding Concentricity Error	μm	\leq 0.5
5	Coating Diameter	μm	245 \pm 5
6	Coating Non-Circularity	%	\leq 6.0
7	Cladding-Coating Concentricity Error	μm	\leq 12.0
8	Cable Cutoff Wavelength	nm	$\lambda_{cc} \leq 1260$
9	Attenuation(max.)	1310nm dB/km 1550nm dB/km 1380nm dB/km 1625nm dB/km	\leq 0.35 \leq 0.21 \leq 0.35 \leq 0.24
10	Attenuation and wavelength	1310nm 1285-1330nm dB/km 1550nm 1525-1575nm dB/km 1550nm 1480-1580nm dB/km	\leq 0.04 \leq 0.03 \leq 0.05
11	Dispersion	1288-1339nm ps/(nm.km) 1271-1360nm ps/(nm.km) 1480-1580nm ps/(nm.km) 1550nm ps/(nm.km)	\geq -3.5, \leq 3.5 \geq -5.3, \leq 5.3 \leq 20 \leq 18
12	Zero dispersion wavelength	Nm	1300-1324
13	Zero dispersion slope	ps/(nm ² *km)	\leq 0.092
14	Typical value	ps/(nm ² *km)	0.04
15	Largest individual fiber	Ps/ $\sqrt{\text{km}}$	0.2
16	Link design values	Ps/ $\sqrt{\text{km}}$	0.1
17	Two way average	1310nm-1550	\leq 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

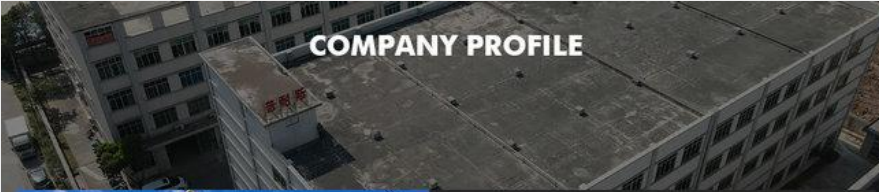





Optical Fiber Hardware for ADSS Cables



Production Supplier Profile



COMPANY PROFILE



ABOUT FIBER

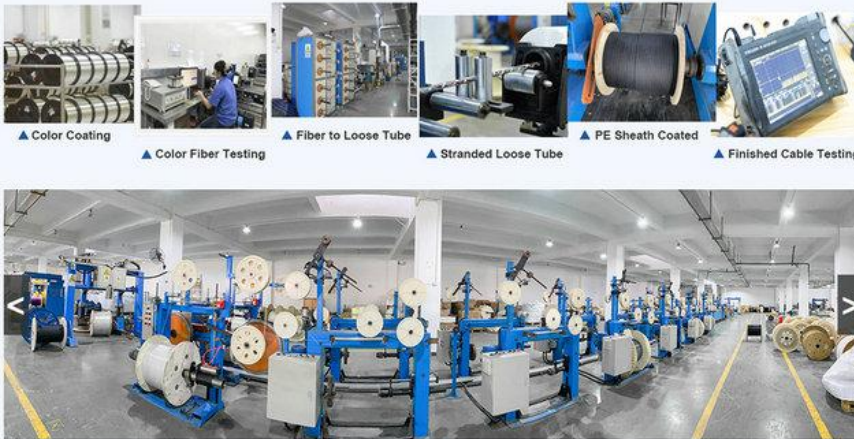
Guangzhou fiber cablepuls co.,ltd

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



How to Place an OEM or Customized Order

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

Our sales team will contact you to confirm the product specification, packaging, printing, quantity, and other specific information.

Sign the contract or Proforma Invoice.

After receiving your deposit, we will start to arrange the production.

2 weeks before the completion of production, we will notify you to start contacting shipping.



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