



ADSS Fiber Optic Cable 12 Core Single Mode Aerial PE Sheath

Our Product Introduction

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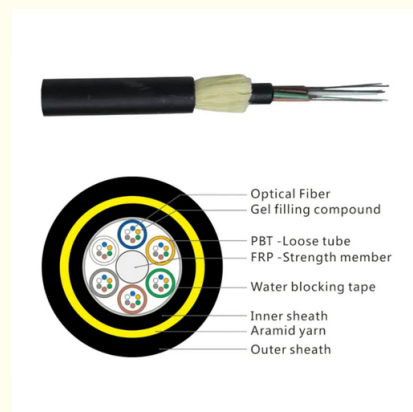
Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: ADSS-12/24/48b1.3-SJ-100M
- 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

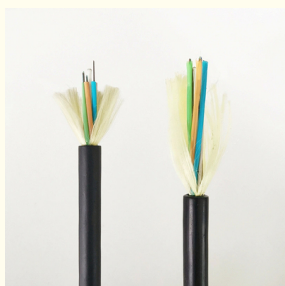


Product Specification

- Type: ADSS Optical Cable-12/24/48b1.3-100m
- Fiber Type: Single Mode
- Fiber Count: 6/12/24/36/48/72/96/144
- 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,
Unarmoured ADSS Fiber Optic Cable,
1 Km ADSS Fiber Optic Cable**



More Images



Product Description

Fiber Optic Cable 12 Core POLY WIRES OFC ADSS 12F Unarmoured 1 Km

Product Specifications

Attribute	Value
Type	ADSS optical cable-12/24/48b1.3-100m
Fiber Type	Single mode
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Cable Diameter	12.5mm

Product Description

ADSS fiber optic cables are not conductive and cannot be used as ground wires. These cables are lightweight and inherently self-supporting, eliminating the necessity for additional support structures. This characteristic enhances cost-effectiveness and facilitates easy installation over extended distances. ADSS cables are commonly deployed in areas where electrical interference is a concern, particularly near high-voltage power lines.





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 1550nm	μm μm	9.2±0.4 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
	1550nm	dB/km	≤0.21
	1380nm	dB/km	≤0.35
10	1625nm	dB/km	≤0.24
	Attenuation and wavelength		
	1310nm 1285-1330nm	dB/km	≤0.04
	1550nm 1525-1575nm	dB/km	≤0.03
11	1550nm 1480-1580nm	dB/km	≤0.05
	Dispersion		
	1288-1339nm	ps/(nm.km)	≥-3.5, ≤3.5
	1271-1360nm	ps/(nm.km)	≥-5.3, ≤5.3
12	1480-1580nm	ps/(nm.km)	≤20
	1550nm	ps/(nm.km)	≤18
13	Zero dispersion wavelength	Nm	1300-1324
14	Zero dispersion slope	ps/(nm ² ·km)	≤0.092
15	Typical value	ps/(nm ² ·km)	0.04
16	Largest individual fiber	Ps/√ km	0.2
17	Link design values	Ps/√ km	0.1
18	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

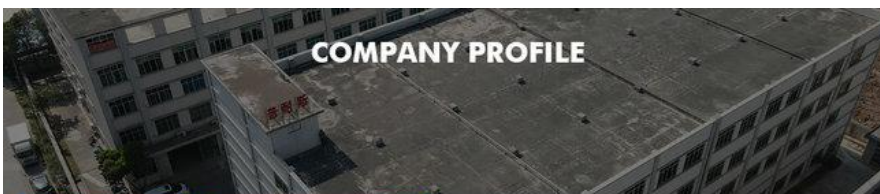





Optical Fiber Hardware for ADSS Cables



Production Supplier Profile



COMPANY PROFILE



ABOUT FIBER

Guangzhou fiber cablepuls co.,ltd

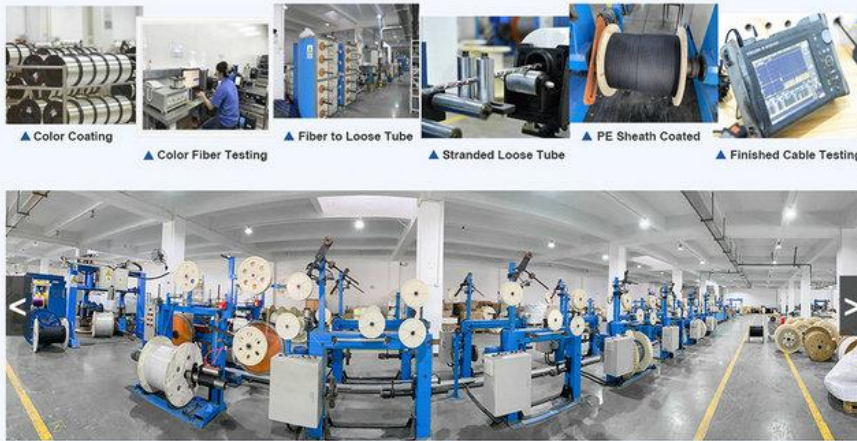
Fiber cablepuls is one of the high-tech fiber optic cable factories in China that can produce the most complete series of fiber optic cables, equipped with the most advanced fiber optic cable manufacturing, and have the most advanced fiber optic connector production and testing equipment in China.

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 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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