



ADSS Fiber Optic Cable 6-144 Cores FRP Strength Member

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
- Minimum Order Quantity: 2km
- Price: negotiate
- Packaging Details: Wooden Spool /drum
- Delivery Time: 5-25 days
- Payment Terms: 30% TT as deposit, 70% Balance before shipping
- Supply Ability: 100km



Product Specification

- Type: ADSS Optical Cable
- Jacket: Double Jacket/ Single Jacket
- Model: ADSS
- Strength Member: FRP
- Fiber Counts: 1-144cores
- Colour: Black
- Highlight: Different Span ADSS Fiber Optic Cable,
Double Sheath ADSS Fiber Optic Cable,
Single Jacket ADSS Fiber Optic Cable



More Images



Product Description

ADSS Fiber Optic Cable Parameters Single Jacket Double Sheath Different Span

Product Specifications

Type

ADSS optical cable

Jacket

Double Jacket/ Single Jacket

Model

ADSS

Strength Member

FRP

Fiber Counts

1-144cores

Colour

Black

PE Jacket ADSS Fiber Optic Cable 6 8 12 Cores 50m Span

ADSS Fiber Optic Cable Operating Voltage

Operating voltage, also known as special use voltage, is the maximum tension to which the cable is subjected when it may exceed the design load during its effective useful life. Fiber optic cables can tolerate overloads for short periods, and the fiber can withstand a tension that is generally greater than 60% of its breaking limit.

When the tension in the fiber is less than 0.5% (for central tubes) or 0.35% (for stratified tubes), additional fiber attenuation may occur, but the fiber should return to normal once this tension is removed. Proper operating voltage ensures reliable operation of ADSS cables over their lifetime.

The section of the fiber optic cable typically has a length of 50 to 100 meters, depending on the number of cores and weight of the cable. Heavier cables generally have shorter section lengths. Locking distance is not directly related to pulling force, and a blocking distance of 100 meters can be achieved with 3KN, though this is more suitable for stretches of 600 meters. An ADSS fiber optic cable with a tension of 24KN typically has a length of approximately 300 to 400 meters.



Product Parameters

NO.OF FIBER (CORES)	6/12/24	48	72	96	144	288
NO.OF FIBER (CORES)	1*6/2*6/4*6	6*8/4*12	6*12	8*12	12*12	24*12
Loose Tube Diameter	2.0±0.1	2.0±0.1	2.0±0.1	2.0±0.1	2.0±0.1	2.0±0.1
FRP central strength member(mm)	2.0	2.0	2.5	2.8	3.7	2.6
PE coated diameter	Nº	4.2	4.8	7.4		
Tear rope(inner sheath)	2	2	2	2	2	2

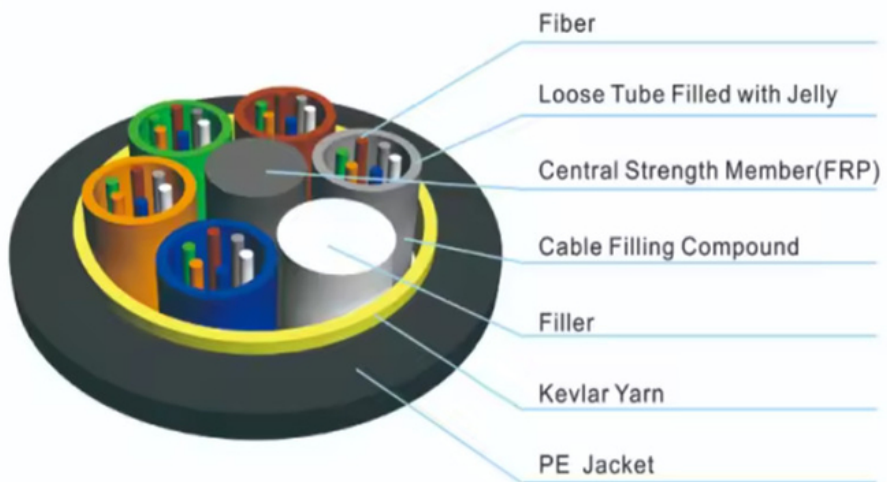
Thickness of inner sheath(pe)	1.2	1.2	1.2	1.2	1.2	1.2
Out diameter of inner sheath	10.0	10.0	10.0	10.0	10.0	10.9
Reinforcing layer aramid	Domestic Aramid Yarns					
MAX.span(m)	50/100/120/150					
Thickness of outer sheath(pe)	1.8	1.8	1.8	1.8	1.8	1.8
Out diameter of Pe sheath	9.5±0.5	10±0.5	12.2±0.5	13.9±0.5	17.1±0.5	20.2±0.5
Climate condition	No ice, 25m/s max wind speed					



Key Characteristics

- Strength members composed entirely of dielectric materials reinforce the cable's structure without metallic components
- Specialized gel within the tube offers crucial protection for the optical fibers
- Central strength members crafted from FRP, filled with aramid yarn contribute to the cable's robust construction
- Remarkable attenuation performance
- Stable performance across temperature variations with anti-aging capabilities, reducing environmental impact on towers from ice and wind

Product Images



Factory Profile

COMPANY PROFILE



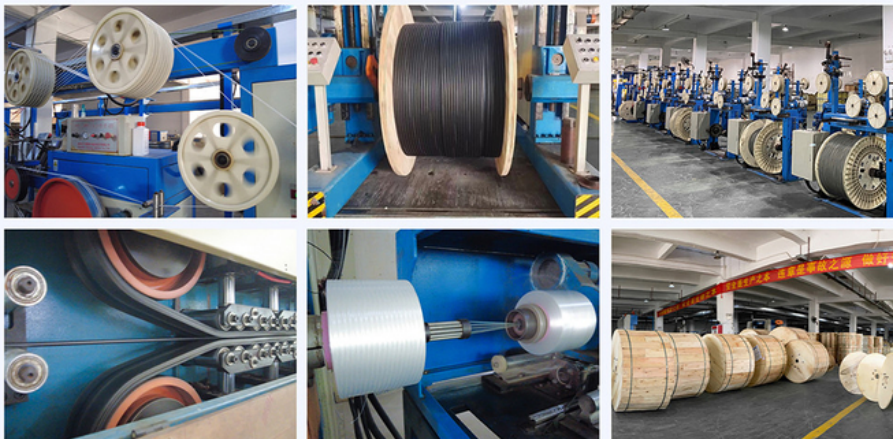
ABOUT FIBER

Guangzhou fiber cable co.,ltd

Fiber cable 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



▲ Color Coating

▲ Color Fiber Testing

▲ Fiber to Loose Tube

▲ Stranded Loose Tube

▲ PE Sheath Coated

▲ Finished Cable Testing



CERTIFICATES



Frequently Asked Questions

Why choose us?

We are manufacturer located in Guangzhou, China, operating since 2011, serving domestic markets. Our factory employs 11-50 people dedicated to quality production.

How can we guarantee quality?

We conduct pre-production samples before mass production and final inspection before shipment to ensure consistent quality standards.

Can you send products to my country?

Yes, we can ship worldwide. If you don't have your own shipping forwarder, we can assist with logistics.

Can you do OEM for me?

We accept all OEM orders. Contact us with your design requirements and we'll provide competitive pricing and samples.

What services can we provide?

Delivery Terms: FOB, CIF, EXW

Payment Currency: USD, EUR, JPY, CAD, AUD, HKD, GBP, CNY, CHF

Payment Type: T/T, L/C, D/P D/A, PayPal, Western Union, Escrow

Languages: English, Chinese



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