



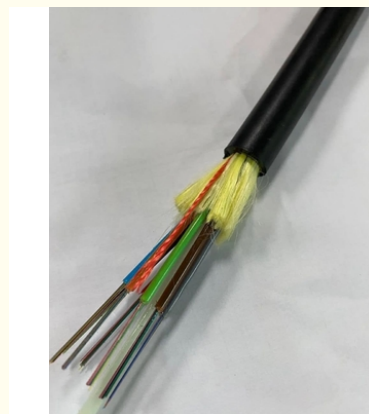
ADSS Fiber Optic Cable 32/48/96 Core G652D Single Mode Outdoor

Our Product Introduction

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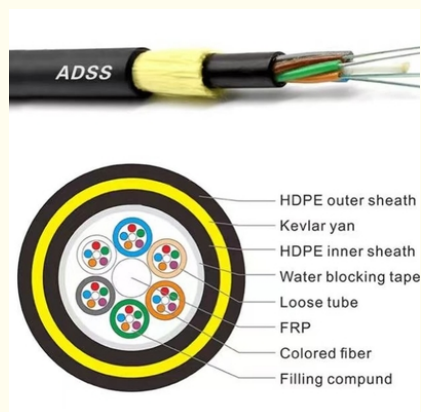
Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: ADSS-32/48/96b1.3-DJ-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

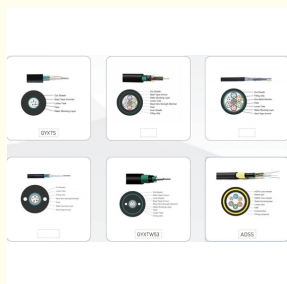


Product Specification

- Type: ADSS Optical Cable-32/48/96b1.3-300m
- 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: **1KM ADSS Fiber Optic Cable,
Outdoor Types ADSS Fiber Optic Cable**



More Images



Product Description

32/48/96 Core G652D Outdoor Types ADSS Fiber Optic Cable 1KM

Product Specifications

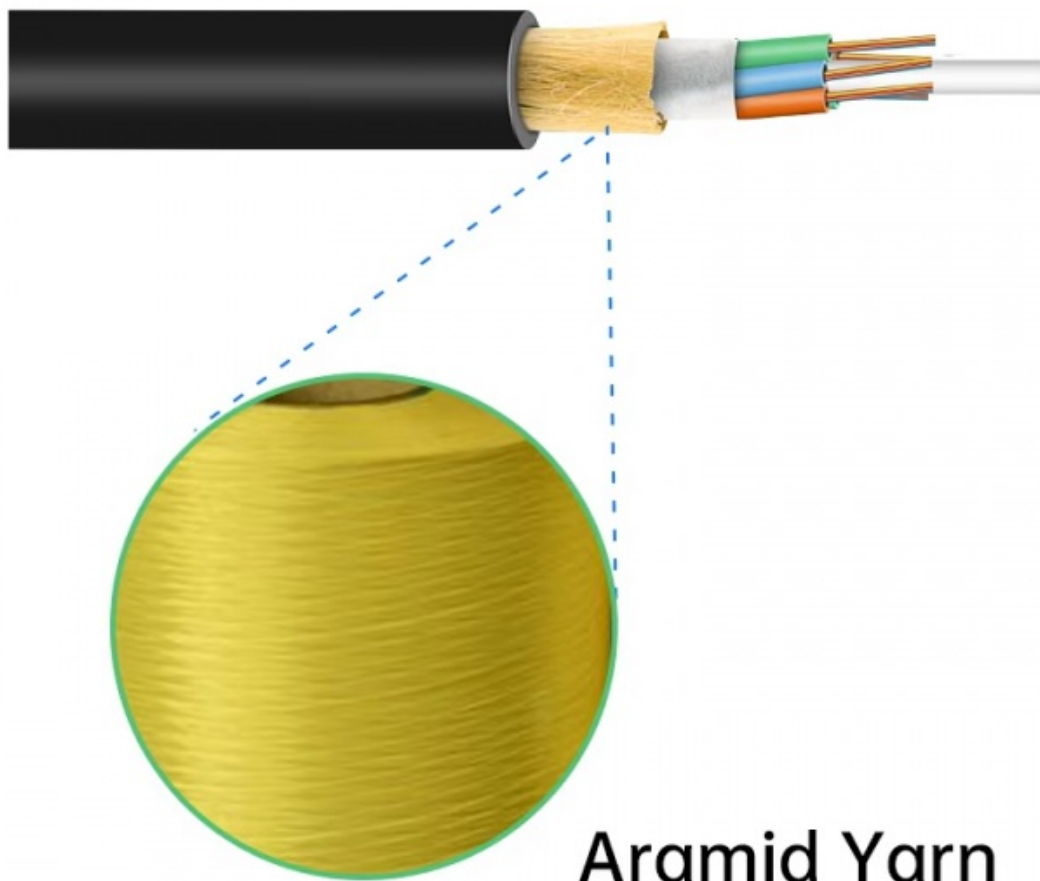
Attribute	Value
Type	ADSS optical cable-32/48/96b1.3-300m
Fiber Type	Single mode
Fiber Count	6/12/24/36/48/72/96/144
Outer Sheath	Black PE
Inner Sheath Material	PE/AT
Installation Method	Aerial
Strength Member Material	FRP/ARMID YARN
Cable Diameter	12.5mm

Product Description

The ADSS (All-Dielectric Self-Supporting) fiber optic cable is specifically designed for large-scale power systems, featuring a fully insulated dielectric overhead structure without any metal materials.

Key Features

- Fully insulated structure with high withstand voltage index standard, enabling safe installation on overhead power lines with live operation
- Utilizes aramid yarn material with high tensile strength to withstand strong tension and meet large span requirements
- Resistant to bird pecks and man-made damage
- Minimal thermal expansion ensures stable performance during temperature fluctuations
- Lightweight design reduces impact from ice and wind loads



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
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+1 2	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
	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	$\lambda_{cc} \leq 1260$
9	Attenuation(max.) (1310nm)	dB/km	≤0.35
	Attenuation(max.) (1550nm)	dB/km	≤0.21
	Attenuation(max.) (1380nm)	dB/km	≤0.35
	Attenuation(max.) (1625nm)	dB/km	≤0.24
10	Attenuation and wavelength (1310nm 1285-1330nm)	dB/km	≤0.04
	Attenuation and wavelength (1550nm 1525-1575nm)	dB/km	≤0.03
	Attenuation and wavelength (1550nm 1480-1580nm)	dB/km	≤0.05
11	Dispersion (1288-1339nm)	ps/(nm.km)	≥-3.5, ≤3.5
	Dispersion (1271-1360nm)	ps/(nm.km)	≥-5.3, ≤5.3
	Dispersion (1480-1580nm)	ps/(nm.km)	≤20
	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

Benefits of ADSS Cable

- Dielectric properties eliminate 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
- Excellent long-term performance in coastal areas and high altitudes



Applications of ADSS Cables





Optical Fiber Hardware for ADSS Cables





Stainless Steel Strip



Stainless Steel Buckle




Cable Storage Bracket




ADSS Cable Down-Lead Clamp

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

1. Send your purchase intention to our email: cotton@fibercablepuls.com
2. Our sales team will contact you to confirm product specifications, packaging, printing, quantity, and other details
3. Sign the contract or Proforma Invoice
4. After receiving your deposit, we will arrange production
5. 2 weeks before production completion, we will notify you to arrange shipping



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