



ADSS Fiber Optic Cable 144CT Single Mode Aerial Installation

Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAI SGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: ADSS-96b1.3-DJ-300M
- Minimum Order Quantity: 2km
- Price: negotiate
- Packaging Details: Wooden Spool Φ1200*750mm
- Delivery Time: 5-25days
- Payment Terms: 30%TT as deposit,70%Balance before shipping.
- Supply Ability: 100km



Product Specification

- Type: ADSS Optical Cable-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: 144 CT ADSS Fiber Optic Cable, SINGLE-MODE ADSS Fiber Optic Cable



More Images



Product Description

ADSS Fiber Optic Cable 144 CT Single Mode

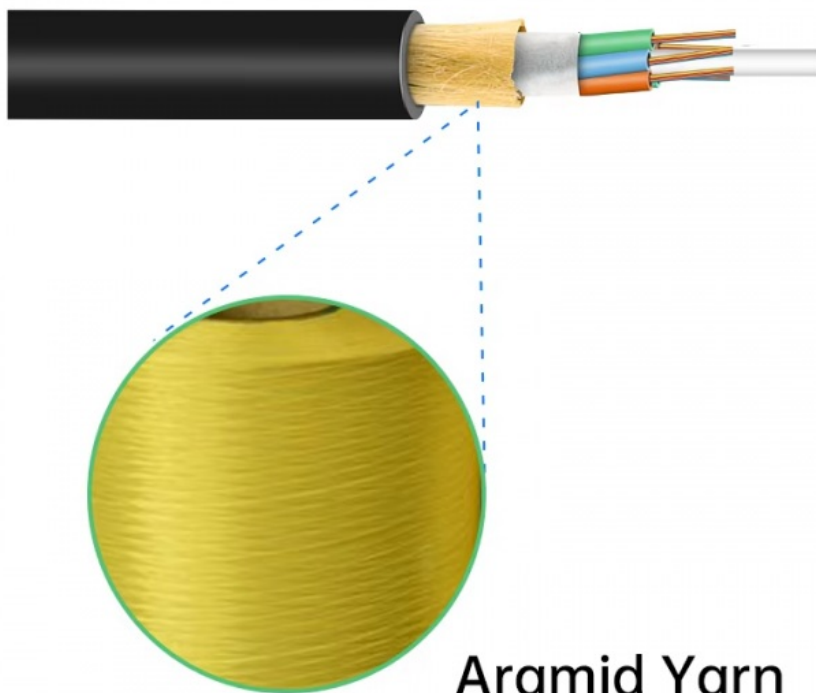
Designed for uninterrupted and fast data transfer with aerial installation capability.

Product Specifications

Attribute	Value
Type	ADSS optical cable-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 Overview

ADSS (All Dielectric Self Supporting) fiber optic cables are lightweight with small diameter and designed for aerial installation with lashing method. The loose tube design with a FRP member and steel tape provides stable performance over a wide temperature range and is compatible with any telecommunication grade optical fiber.



Ordering 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	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.) at various wavelengths	dB/km	1310nm: ≤0.35 1550nm: ≤0.21 1380nm: ≤0.35 1625nm: ≤0.24
10	Attenuation and wavelength	dB/km	1310nm 1285-1330nm: ≤0.04 1550nm 1525-1575nm: ≤0.03 1550nm 1480-1580nm: ≤0.05
11	Dispersion	ps/(nm.km)	1288-1339nm: ≥-3.5, ≤3.5 1271-1360nm: ≥-5.3, ≤5.3 1480-1580nm: ≤20 1550nm: ≤18
12	Zero dispersion wavelength	Nm	1300-1324
13	Zero dispersion slope	ps/(nm².km)	≤0.092
14	Typical value	ps/(nm².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

Dielectric design eliminates the need for metal support structures, reducing installation costs

Withstands high electric fields and performs reliably near high-voltage power lines without electromagnetic interference

Superior weather resistance and tensile strength for harsh environments including coastal areas and high altitudes



Applications

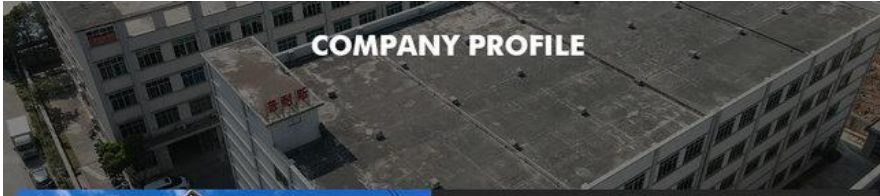
ADSS cables are ideal for various aerial installations including:




Compatible Hardware



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



Ordering Process

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

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

Sign the contract or Proforma Invoice

After receiving your deposit, we will arrange production

2 weeks before production completion, we will notify you to arrange shipping



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