ADSS Fiber Optic Cable 24 Core 48 Core Aerial Installation

Our Product Introduction

Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: ADSS fiber optic cable
- 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 Fiber Optic Cable
- Fiber Type: Single Mode/multimode
- Fiber Count: 6/12/24/36/48/72/96/144
- Oute Sheath: Black PE
- Inner Sheath Material: PE Black
- Installation Method: Aerial
- Strength Member Material: FRP/ARMID YARN
- Cable Diameter: 12.5mm
- Production Capacity: 200km Per Day
- HS Code: 854470000
- Highlight: **100m ADSS Fiber Optic Cable**, **24 Core ADSS Fiber Optic Cable**, **Double Sheath ADSS Fiber Optic Cable**

Product Description

Multimode ADSS Fiber Optic Cable Single Sheath Double ADSS Power Cable Span 100m 24 Core 48 Core

Product Specifications

Attribute	Value
Type	ADSS fiber optic cable
Fiber Type	single mode/multimode
Fiber Count	6/12/24/36/48/72/96/144
Outer Sheath	Black PE
Inner Sheath Material	PE Black
Installation Method	Aerial
Strength Member Material	FRP/ARMID YARN
Cable Diameter	12.5mm
Production Capacity	200km Per Day
HS Code	854470000

Key Features

- Up to 144 fibers capacity
- Lightweight design with maximum span reaching 1500m
- Exceptional tensile strength exceeding 90KN
- Non-metallic structure provides superior insulation and lightning resistance
- Optimized aramid yarn distribution for excellent stress/strain performance
- Outstanding bullet and tracking resistance
- Installation without power interruption

Technical 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+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	9.2±0.4
1	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	λcc≤1260
9	Attenuation (max.) 1310nm	dB/km	≤0.35
9	Attenuation (max.) 1550nm	dB/km	≤0.21
9	Attenuation (max.) 1380nm	dB/km	≤0.35
9	Attenuation (max.) 1625nm	dB/km	≤0.24
10	Attenuation and wavelength 1310nm 1285-1330nm	dB/km	≤0.04
10	Attenuation and wavelength 1550nm 1525-1575nm	dB/km	≤0.03
10	Attenuation and wavelength 1550nm 1480-1580nm	dB/km	≤0.05
11	Dispersion 1288-1339nm	ps/(nm.km)	≥-3.5, ≤3.5
11	Dispersion 1271-1360nm	ps/(nm.km)	≥-5.3, ≤5.3
11	Dispersion 1480-1580nm	ps/(nm.km)	≤20
11	Dispersion 1550nm	ps/(nm.km)	≤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	dB	≤0.01

ADSS Cable Advantages

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

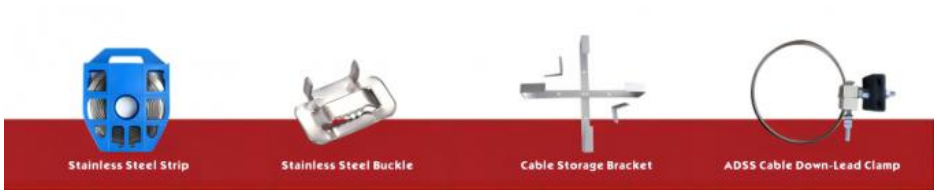
Exceptional performance in high electric fields near power lines

Superior weather resistance and tensile strength for harsh environments

Reliable long-term performance in coastal and high-altitude areas

Typical Applications

Compatible Optical Fiber Hardware



Ordering Information

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 product specifications and requirements

Sign the contract or Proforma Invoice

After receiving your deposit, we will begin production

We will notify you 2 weeks before production completion to arrange shipping

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