ADSS Fiber Optic Cable 12-144 Fibers Aerial Double Jacket PE/AT

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: 12/24/48
- Oute Sheath: Black PE /AT
- Installation Method: Aerial
- Strength Member Material: FRP/ARMID YARN
- Production Capacity: 200km Per Day
- HS Code: 854470000
- Transport Package: Wooden Drum Or As Per Customer's Request
- Highlight: **Double Jacket ADSS FIBER OPTIC CABLE**, **Self Supporting ADSS FIBER OPTIC CABLE**, **All Dielectric ADSS FIBER OPTIC CABLE**

More Images

Product Description

ADSS FIBER OPTIC CABLE - Double Jacket All-Dielectric Self-Supporting ADSS Cable

Product Specifications

Type	ADSS fiber optic cable
Fiber Type	Single mode/multimode
Fiber Count	12/24/48
Outer Sheath	Black PE /AT
Installation Method	Aerial
Strength Member Material	FRP/ARMID YARN
Production Capacity	200km Per Day
HS Code	854470000
Transport Package	Wooden Drum or as Per Customer's Request

Product Description

Two Jacket and Stranded loose tube design with stable performance and compatibility with all common fiber types.

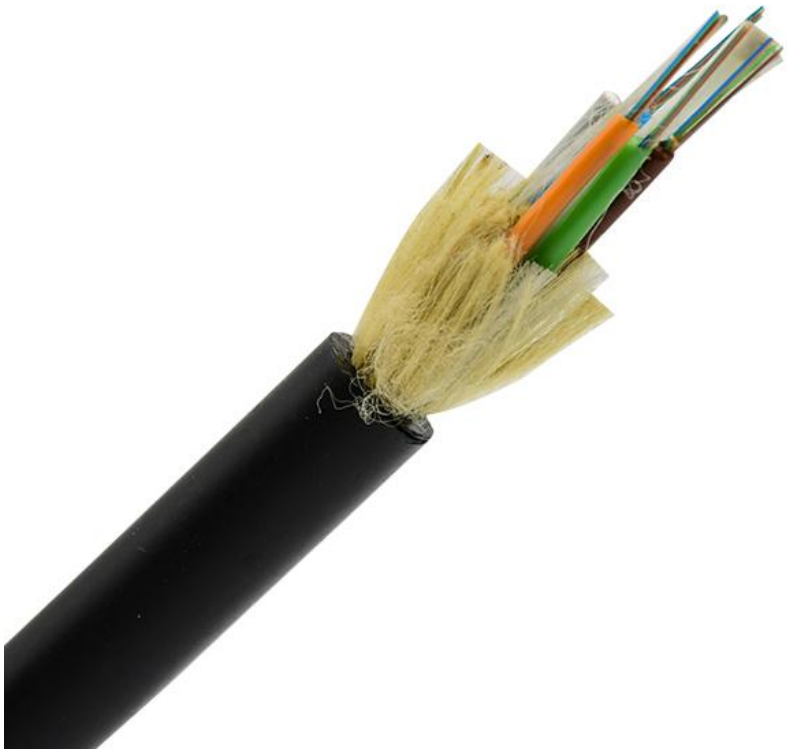
> Track-Resistant outer jacket available for high voltage (≥35KV). Gel-Filled buffer tubes are S-Z stranded. Instead of Aramid yarn or glass yarn, there is no support or messenger wire required. Aramid yarn is used as the strength member to assure tensile and strain Performance.
>
> Lightweight and small diameters reduce the load caused by ice and wind and the load on towers and backdrops. Large span lengths with the largest span over 1000m. Excellent performance of tensile strength and temperature resistance.

Key Features

- Good Aramid yarn with excellent tensile performance
- Fast delivery - 200km ADSS cable regular production time of about 10 days
- Can use glass yarn instead of aramid for rodent protection

Technical Specifications

Fiber count	Stru cture	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

No.	Items	Unit	Specification
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

Benefits of ADSS Cable

Relies solely on dielectric properties, eliminating the need for metal support structures and reducing installation costs

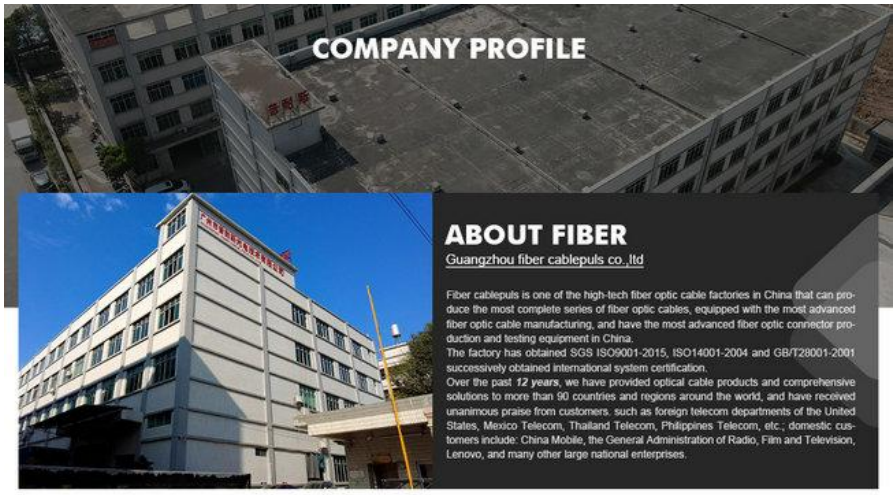
Designed to withstand high electric fields, performing reliably near high-voltage power lines without electromagnetic interference

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

Applications of ADSS Cables

Optical Fiber Hardware for ADSS Cables

Production Supplier Profile



How to Place an Order

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 details

Sign the contract or Proforma Invoice

After receiving your deposit, we will arrange production

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

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