



ADSS Fiber Optic Cable Aerial PE Sheath Single Mode Multimode

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 $\Phi 1200 \times 750\text{mm}$
- 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
- Outer Sheath: Black PE
- Installation Method: Aerial
- Strength Member Material: FRP/ARMID YARN
- Production Capacity: 200km Per Day
- HS Code: 854470000
- Highlight: 120m ADSS Fiber Optic Cable,
100m ADSS Fiber Optic Cable,
200m ADSS Fiber Optic Cable



More Images



Product Description

ADSS Fiber Optic Cable 80m 100m 120m 200m Span

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
Installation Method	Aerial
Strength Member Material	FRP/ARMID YARN
Production Capacity	200km Per Day
HS Code	854470000

Product Description

The ADSS optical cable features a loose sheathed twisted structure with fibers enclosed in a high modulus polyester loose tube. A waterproof compound fills the tube to protect against moisture. The loose tube and filler rope twist around a non-metallic FRP central reinforcement core, forming a robust cable core with water-blocking grease for additional protection.

Outer Structure

The cable core is covered with an extruded PE inner sheath, followed by two-way twisting with two layers of aramid yarn for enhanced strength. The outer end is protected with either a PE jacket or electric corrosion-resistant (AT) jacket for durability in various environmental conditions.

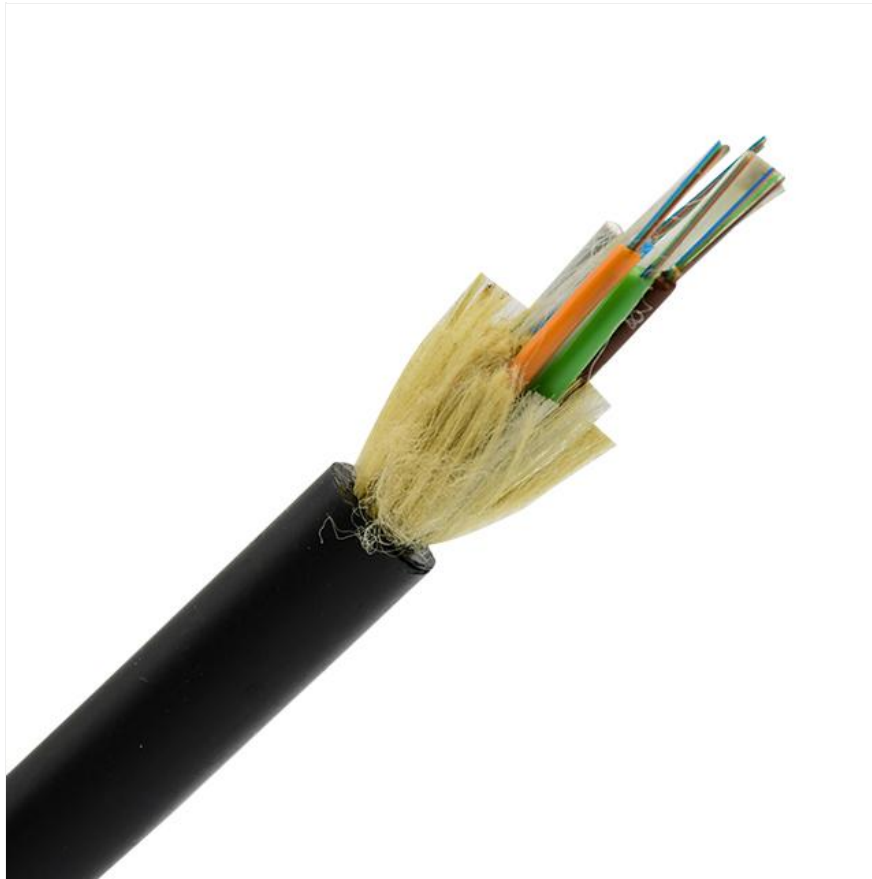
Installation Advantages

Infrastructure Efficiency: Can be installed on existing power line pole towers, eliminating need for additional structures

Uninterrupted Construction: Installation proceeds without power outages, ensuring continuous communication

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+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

Key Benefits

- Dielectric design eliminates need for metal support structures, reducing installation costs
- Withstands high electric fields near power lines without electromagnetic interference
- Superior weather resistance and tensile strength for harsh environments





How to Place an Order

Send your purchase intention to: cotton@fibercablepuls.com

Our sales team will confirm product specifications, packaging, and quantity

Sign the contract or Proforma Invoice

Production begins after receiving your deposit

Shipping arrangements begin 2 weeks before production completion



guangzhou fiber cablepuls co ltd



+8613687956390



cotton@fibercablepuls.com



fiberoptical-cables.com

925-926, Building B1, No. 2 Chuanghui Avenue, Yonghe Yushan International Guangzhou city, Guangdong province, China