16 Core ADSS Fiber Optic Cable Single-mode 50m Span Aerial Installation

Our Product Introduction

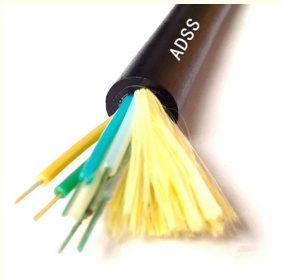
Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: ADSS-16B1.3-50M
- Minimum Order Quantity: 2km
- Price: 190
- 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

- Item No.: ADSS-16B1.3
- Fiber Count: 16 CORES
- Span: 50m
- Fiber Type: Single-mode/G625D
- Strength Member Material: FRP/ARMID YARN
- Jacket Color: Black
- Outer /Inner Sheath Material: Lszh
- Installation Method: Aerial
- Warranty Period: 25 Years
- Highlight: **Stranded ADSS Fiber Optic Cable**, **50m ADSS Fiber Optic Cable**, **16 core ADSS Fiber Optic Cable**

More Images



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Our Product Introduction

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Product Description

ADSS Fiber Optic Cable Stranded 16 Core ADSS Span 50m Optical Fiber Cable

Attribute	Value
Item no.	ADSS-16B1.3
Fiber Count	16 CORES
Span	50m
Fiber Type	Single-mode/G625D
Strength Member Material	FRP/ARMID YARN
Jacket Color	Black
Outer/Inner Sheath Material	LSZH
Installation Method	Aerial
Warranty Period	25 years

Product Description

ADSS optical cable uses a loose tube wound on the central strengthening member (FRP or steel wire) to form a complete round optical cable core, twisted by a certain number of aramid yarns after being covered with a PE inner sheath, with an additional layer of PE outer sheath extruded.
The loose tube is made of high temperature resistant material, containing multiple suitable single-mode or multimode optical fibers and optical fiber moisture-proof grease, with cable core gaps filled with water blocking agent.

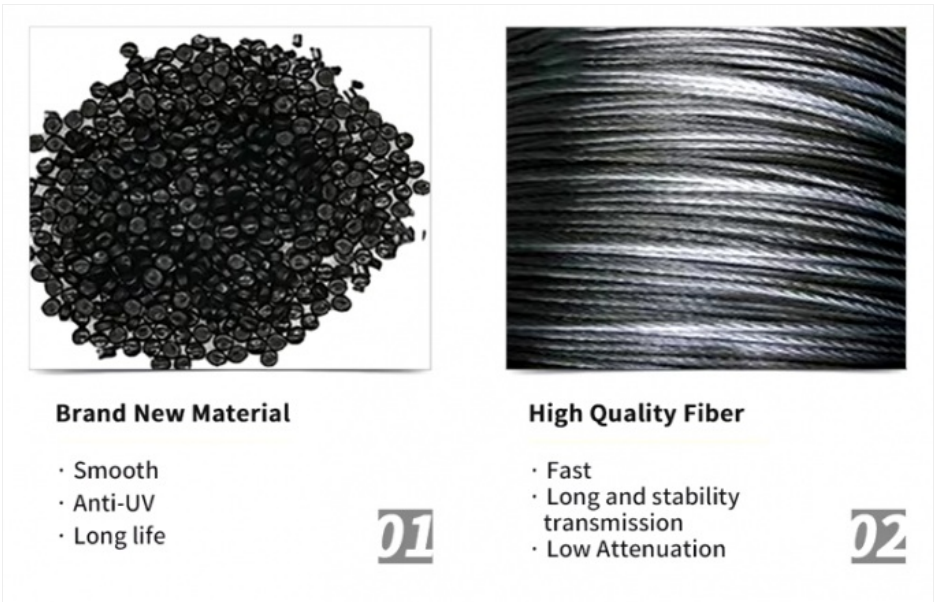
Application

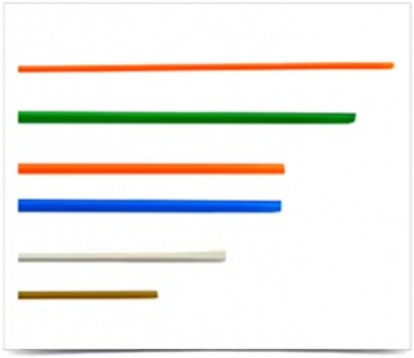
ADSS cable design considers the actual status of overhead power lines:

For power lines under 110kV: PE outer sheath is applied

For power lines equal to or over 110kV: AT outer sheath is applied

Dedicated design of aramid quantity and stranding process satisfies various demands





High Quality Loose Tube

Effective protection of the fiber from internal stress and external side pressure

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High Quality Metal Reinforcement

Maximum protection of fiber from mechanical tension

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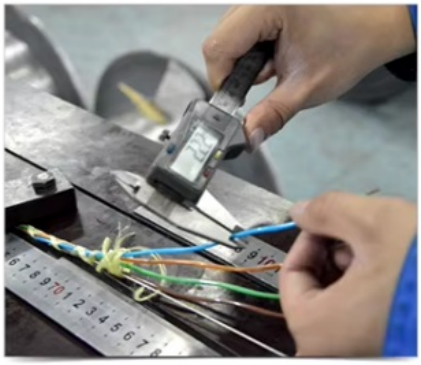

Class A core

- Changfei fiber core
- High transmission efficiency
- Low attenuation

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High Quality PBT Loose Tube Material

- Anti-aging
- Good Protection

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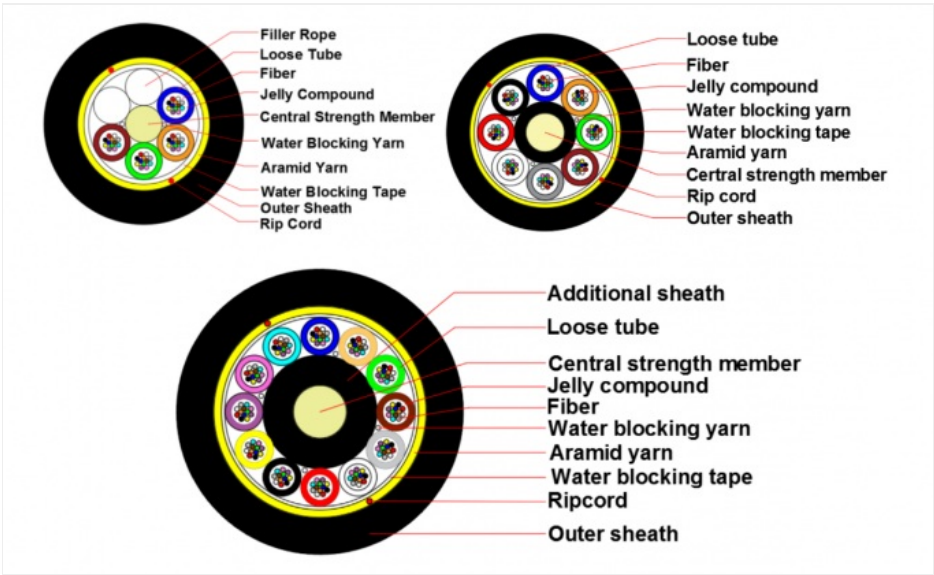
Cable Structure Specifications

No. of fiber	8 cores	16cores	24cores	32cores	48cores	64cores	96cores	128cores	144cores
No. of fiber/tube	2cores	4cores	4cores	8cores	8cores	8cores	8cores	12+8cores	12cores
No. of Tube	4	4	6	4	6	8	12	10+1	12
Inner Diameter(mm)	1.7±0.1	1.7±0.1	1.7±0.1	1.7±0.1	1.7±0.1	1.7±0.1	1.7±0.1	1.7±0.1	1.7±0.1
Diametroext erior(mm)	2.5±0.1	2.5±0.1	2.5±0.1	2.5±0.1	2.5±0.1	2.5±0.1	2.5±0.1	2.5±0.1	2.5±0.1
Filler	2	2	-	2	-	-	-	-	-
Central Strength Member(FRP) mm	2.6	2.6	2.6	2.6	2.6	3.5	2.6/7.2	2.6/7.2	2.6/7.2
Tear rope (inner sheath)	2	2	2	2	2	2	2	2	2
Thickness of PE inner sheath	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Outer diameter of PE inner sheath	10.0	10.0	10.0	10.0	10.0	10.9	14.6	14.6	14.6
Reinforcing layer aramid	Domestic aramid fiber	-	-	-	-	-	-	-	-
Tear rope (outer sheath)	2	2	2	2	2	2	2	2	2
PE outer protection thickness	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Outer diameter of PE outer sheath	13.3±0.5	13.3±0.5	13.3±0.5	13.3±0.5	13.3±0.5	14.2±0.5	17.9±0.5	18.0±0.5	18.1±0.5

Single Sheath ADSS Cable



Construction: Features a single outer jacket layer

Lightweight: Typically lighter than double sheath variants

Applications: Ideal for environments with lower risk of mechanical damage or where cable weight is critical

Cost-Efficient: More cost-effective due to less material usage

Environmental Resistance: Offers sufficient protection against UV rays, moisture, and minor abrasions

Double Sheath ADSS Cable

Construction: Equipped with two layers of sheathing (inner and outer jacket)

Enhanced Protection: Better mechanical protection for harsher environments

Durability: More resistant to abrasion, rodents, and physical damage

Weight and Cost: Heavier and typically more expensive due to additional materials

Applications: Preferred in areas with higher mechanical stress potential (dense vegetation or severe weather regions)

Optical Fiber Hardware for ADSS Cables

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, 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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