ADSS Fiber Optic Cable Factory Manufacturers Adss 24 Core Fiber Optic Cable For Aerial

Our Product Introduction

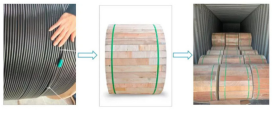
Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: ADSS-LSZH-24B1.3-100M
- 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-LSZH-24B1.3
- Fiber Count: 24 CORES
- Span: 100m
- 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: **24 Core ADSS Fiber Optic Cable**, **Aerial ADSS Fiber Optic Cable**, **Long-Lasting ADSS Fiber Optic Cable**

More Images



Our Product Introduction

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Product Description

ADSS Fiber Optic Cable Factory Manufacturers Adss 24 Core Fiber Optic Cable For Aerial

ADSS cable is made of non-metallic material and self-supporting with the aerial power transmission line.
The tension resistance material is aramid yarn with high elasticity modules.
Because of this material, ADSS can withstand the large tension of installation (Max. span: 1500m),
ice(Max.ice thickness: ≥20mm) and weed pressure(Max. wind speed: 35m/s).
ADSS cable is loose tube stranded.
Fibers are positioned into a loose tube made of high modulus plastics.
The tubes are filled with a water-resistant filling compound.
The tubes (and fillers)are stranded around FRP
(Fibre Reinforced Plastic), as a non-metallic central strength member into a compact and circular cable core.
After the cable core is filled with filling compound, it is covered with a thin polyethylene (PE) inner sheath.
After two layers of Aramid yarns are applied in two directions over the inner sheath as strength member,
the cable is completed with PE or AT (anti-tracking) outer sheath.

Charateristics

1. Can be installed without shutting off the power
2. Excellent AT performance. The maximum inductive at the operationg point of AT sheath can reach 25KV
3. Light weight and small diameter reducing the load caused by ice and wind and the load on towers and backprops.
4. Large span lengths and the largest span is over 1000m
5. Good performance of tensile strength and temperture
6. The design life span is over 30 years

Application

The actual status of overhead power lines is taken into full consideration when ADSS cable is being designed.
For overhead power lines under 110 kV, PE outer sheath is applied. For power lines equal to or over 110kV,
AT outer sheath is applied.
The dedicate design of aramid quantity and stranding process can satisfy the demand on various.

Brand New Material

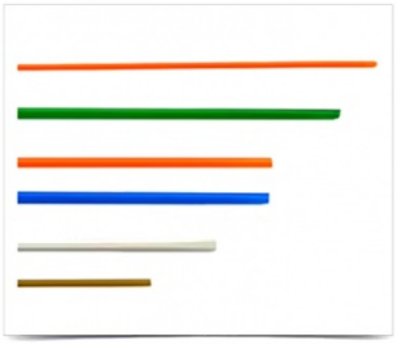
· Smooth
· Anti-UV
· Long life

01

High Quality Fiber

· Fast
· Long and stability transmission
· Low Attenuation

02



High Quality Loose Tube

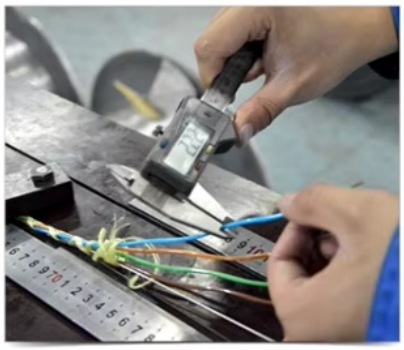
Effective protection of the fiber from internal stress and external side pressure

03

High Quality Metal Reinforcement

Maximum protection of fiber from mechanical tension

04



Class A core

- Changfei fiber core
- High transmission efficiency
- Low attenuation

05

High Quality PBT Loose Tube Material

- Anti-aging
- Good Protection

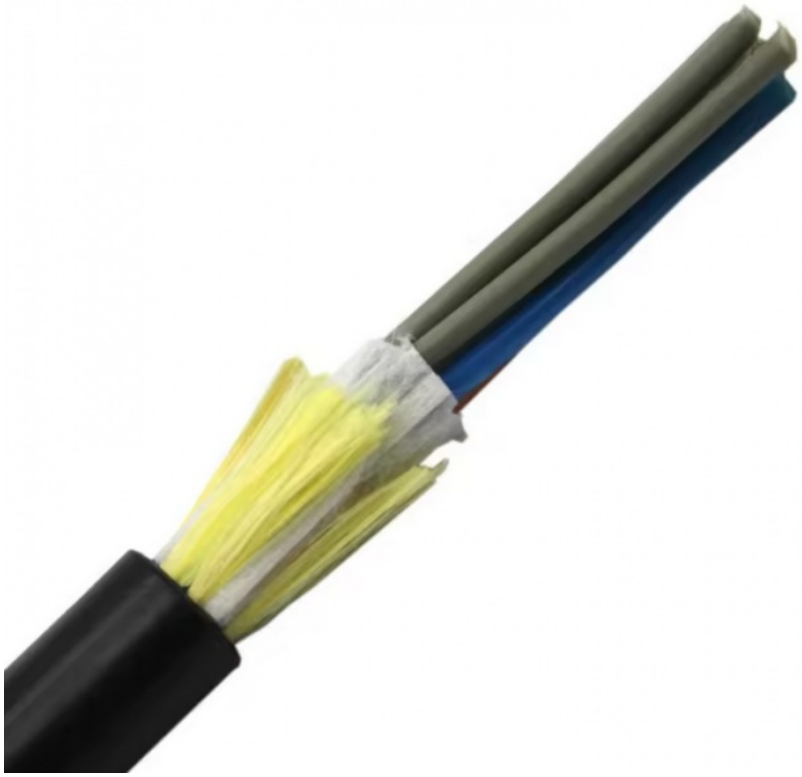
06

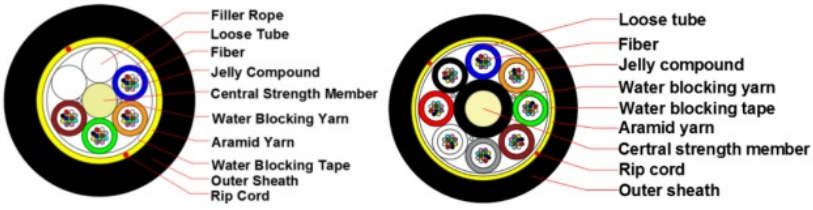
ADSS Cable Place Order Information

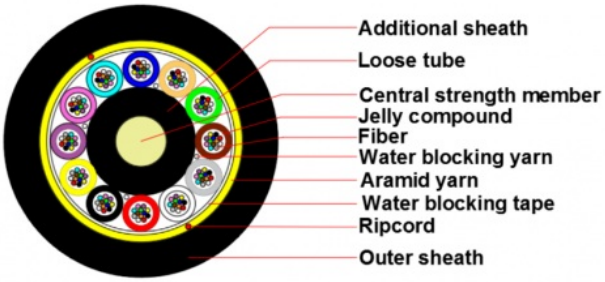
Cable structure									
No. of fiber	8 cores	16cores	24cores	32cores	48cores	64cores	96cores	128cores	144cores
No. of fiber/tube	2cores	4cores	4cores	8cores	8cores	8cores	8cores	12+8cores	12cores
No. of Tube	4	4	6	4	6	8	12	10+1	12
Inner Diameter(mm)	1.7±0.1	1.7±0.1	1.7±0.1	1.7±0.1	1.7±0.1	1.7±0.1	1.7±0.1	1.7±0.1	1.7±0.1
Diámetroext 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	-	-	-	-	-
CentralStrength 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:







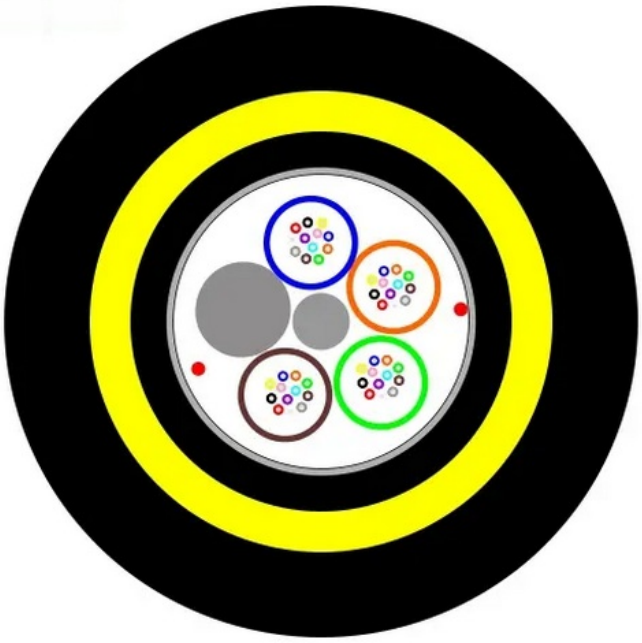
Construction:
This type features a single outer jacket layer. Lightweight: It's typically lighter than double sheath variants.

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

Cost-Efficient:
Generally more cost-effective due to less material usage.

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

Double Sheath ADSS Cable:



ADSS-D-48F

Construction:
Equipped with two layers of sheathing, an inner and an outer jacket.

Enhanced Protection:
Provides better mechanical protection, making it suitable for harsher environments.

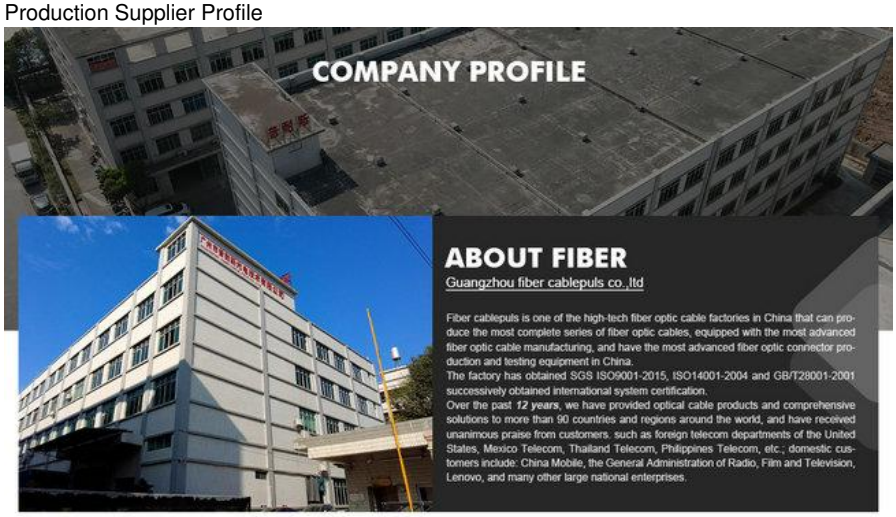
Durability:
More resistant to abrasion, rodents, and other forms of physical damage.

Weight and Cost:
Heavier and typically more expensive than single sheath cables due to additional materials.

Applications:
Preferred in areas with higher potential for mechanical stress,
such as regions with dense vegetation or frequent severe weather.

Optical Fiber Hardware for ADSS cables

Production Supplier Profile



How do I place an OEM or customized order?
1) Send your purchase intention to our email: cotton@fibercablepuls.com
2) Our sales team will contact you to confirm the product specification, packaging, printing, quantity, and other specific information.
3) Sign the contract or Proforma Invoice.
4) After receiving your deposit, we will start to arrange the production.
5) 2 weeks before the completion of production, we will notify you to start contacting shipping.

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