



24 Core ADSS Fiber Optic Cable Aerial Installation Single-mode

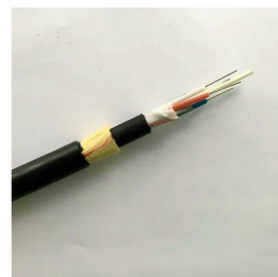
Basic Information

- 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 $\Phi 1200 \times 750$ mm
- Delivery Time: 5-25days
- Payment Terms: 30%TT as deposit, 70%Balance before shipping.
- Supply Ability: 100km

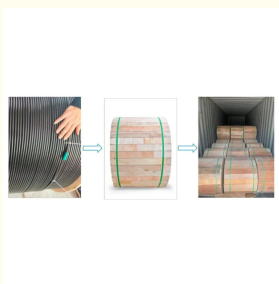


Product Specification

- 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



Product Description

ADSS 24 Core Fiber Optic Cable for Aerial Installation

Product Specifications

Attribute	Value
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Jacket Color	Black
Outer/Inner Sheath Material	LSZH
Installation Method	Aerial
Warranty Period	25 years

Product Description

ADSS (All-Dielectric Self-Supporting) fiber optic cable is constructed with non-metallic materials for aerial installation alongside power transmission lines. The tension-resistant aramid yarn provides high elasticity, enabling the cable to withstand significant installation tension (max span: 1500m), ice loads (max thickness: ≥20mm), and wind pressure (max speed: 35m/s).

Key Features

- Installation possible without power interruption
- Excellent anti-tracking performance (up to 25KV at operating point)
- Lightweight design reduces ice/wind loading on support structures
- Supports large span lengths exceeding 1000m
- Superior tensile strength and temperature performance
- 30+ year design lifespan

Construction Details

The cable features loose tube stranding with fibers positioned in high-modulus plastic tubes filled with water-resistant compound. These tubes are stranded around a FRP (Fiber Reinforced Plastic) central strength member. The cable core is protected by a PE inner sheath and reinforced with dual-layer aramid yarn before receiving its final PE or AT (anti-tracking) outer sheath.

Application Guidelines

ADSS cables are designed considering overhead power line conditions. PE outer sheath is used for lines under 110kV, while AT sheath is applied for 110kV and above installations. The aramid quantity and stranding process are customized for various environmental demands.



Brand New Material

- Smooth
- Anti-UV
- Long life

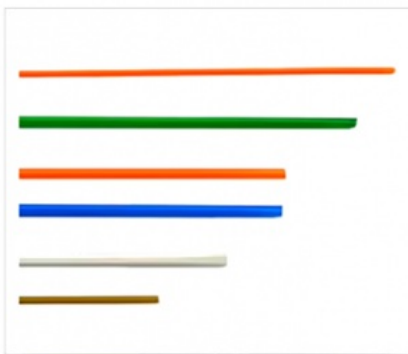
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High Quality Fiber

- 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

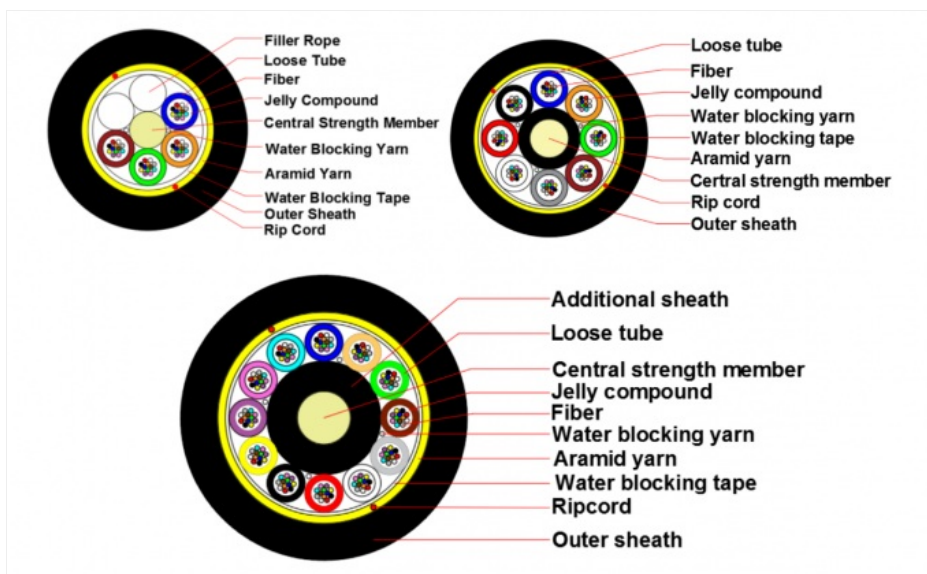
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Technical Specifications

No. of fiber	Configuration Options								
	8 cores	16 cores	24 cores	32 cores	48 cores	64 cores	96 cores	128 cores	144 cores
No. of fiber/tube	2 cores	4 cores	4 cores	8 cores	8 cores	8 cores	8 cores	12+8 cores	12 cores
No. of Tube	4	4	6	4	6	8	12	10+1	12
Inner Diameter (mm)	1.7±0.1								
Outer Diameter (mm)	2.5±0.1								

Single Sheath ADSS Cable



Construction: Single outer jacket layer

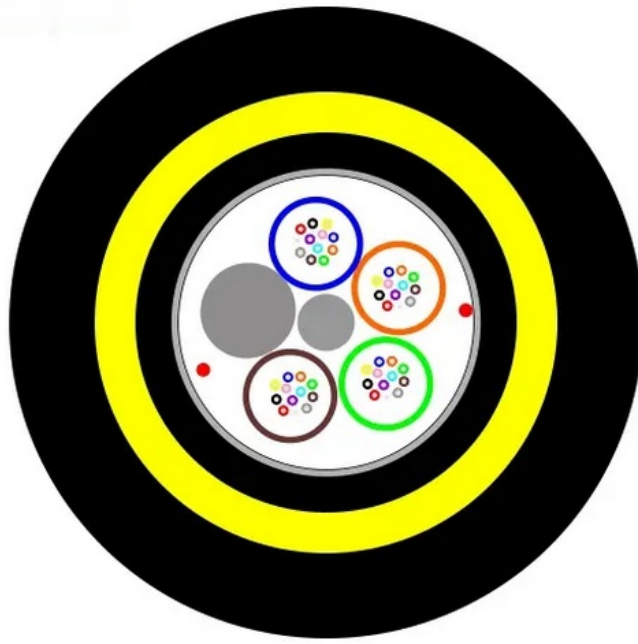
Weight: Lighter than double sheath variants

Applications: Lower risk environments where weight is critical

Cost: More economical due to reduced material usage

Protection: Adequate resistance to UV, moisture, and minor abrasions

Double Sheath ADSS Cable



ADSS-D-48F



Construction: Dual-layer sheathing (inner + outer jacket)

Protection: Enhanced mechanical resistance

Durability: Superior abrasion and rodent resistance

Weight/Cost: Heavier and more expensive than single sheath

Applications: Harsh environments with severe weather or vegetation

ADSS Cable Hardware



Ordering Information

Submit purchase requirements to: cotton@fibercablepuls.com

Our sales team will confirm specifications, packaging, and quantities

Sign contract or Proforma Invoice

Production begins after deposit receipt

Shipping arrangements coordinated 2 weeks before completion



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