



## ADSS Fiber Optic Cable 13.5mm PE Sheath Aerial Installation -40°C to +70°C

### Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: ADSS-DJ-200M
- 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

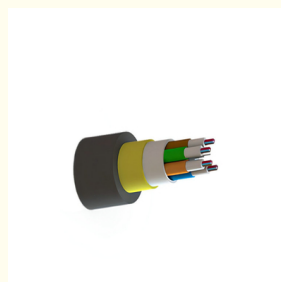
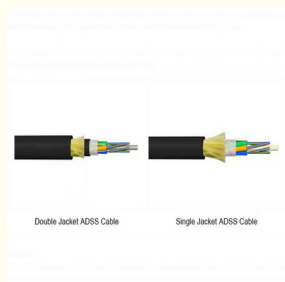


### Product Specification

- Warranty Period: 25 Years
- Jacket Color: Black
- Outer Sheath Material: PE
- Application: Outdoor Overhead
- Temperature Range: -40°C To +70°C
- Installation Method: Aerial
- Strength Member Material: FRP/ARMID YARN
- Cable Diameter: 13.5mm
- Highlight: ADSS Fiber Optic Cable 200m, Self Supporting Aerial Fiber Optic Cable, ADSS Fiber Optic Cable 100m



### More Images



Product Description

ADSS Fiber Optic Cable Suspension Self-Supporting Aerial Cable Span 100m 200m

Product Specifications

Attribute	Value
Warranty Period	25 years
Jacket Color	Black
Outer Sheath Material	PE
Application	Outdoor overhead
Temperature Range	-40°C to +70°C
Installation Method	Aerial
Strength Member Material	FRP/ARMID YARN
Cable Diameter	13.5mm

ADSS (All-Dielectric Self-Supporting) cable is a type of fiber optic cable that is designed to be installed without the need for a separate messenger wire or support structure. The cable is made up of a central tube or tubes containing the optical fibers, which is surrounded by layers of aramid yarns and an outer sheath. The all-dielectric construction of the cable means that it is suitable for installation in areas with high electrical interference, such as near power lines.





**HIGH VOLTAGE  
TOWER**



**WIND POWER  
STATION**



**PHOTOVOLTAIC  
POWER STATION**



**POWER PLANT**



## ADSS Cable Order Information

### 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
Diametrexterior(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

#### Cable Marking & Fibers Colors

COMPANY Fiber cable name N\*cores G.652D 2024 XXXXm

**\*The marking is printed every 1 meter**

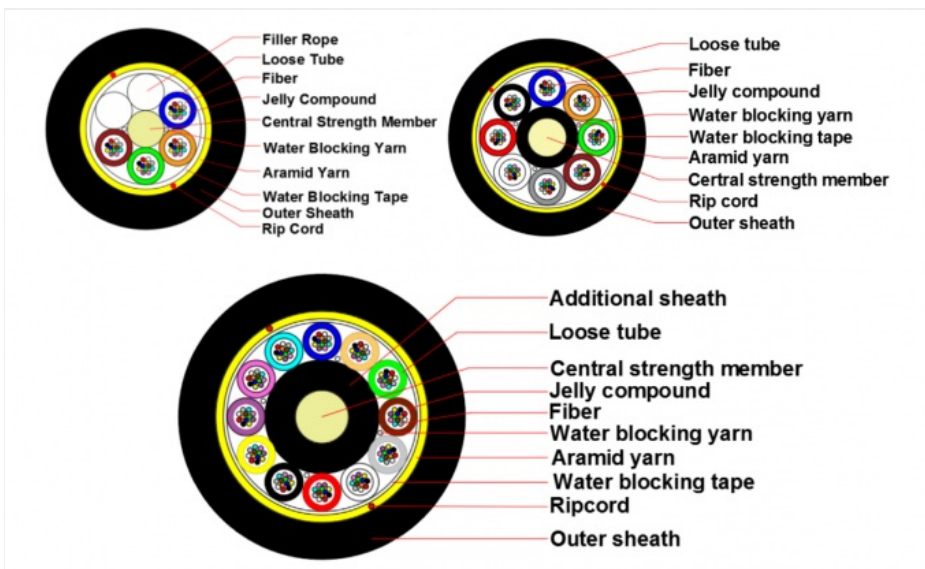
**\*\*\*"G.652D" means ITU-T Rec. Low Water Peak (LWP) G.652 single mode optical fiber.**

Also can according to client cable marking.



#### Types of ADSS Cables

## Single Sheath ADSS Cable



**Construction:** Features a single outer jacket layer

**Lightweight:** Typically lighter than double sheath variants

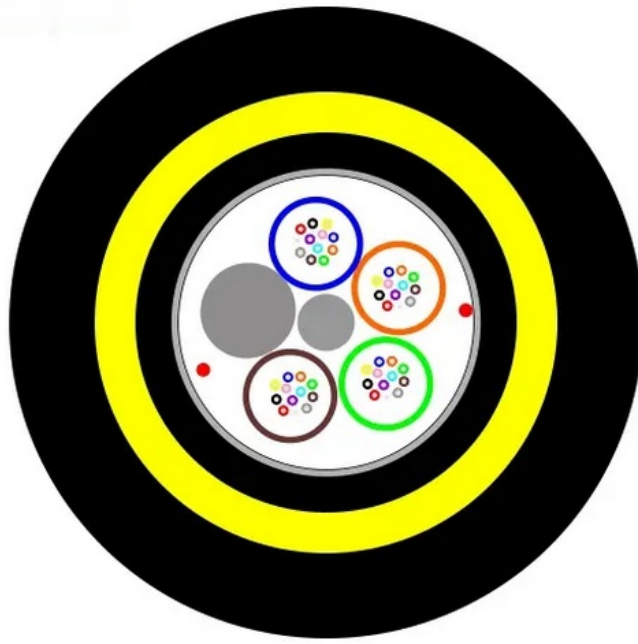
**Applications:** Ideal for environments with lower risk of mechanical damage or where cable weight is critical

**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





ADSS-D-48F



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

**Enhanced Protection:** Provides better mechanical protection for harsher environments

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

**Weight and Cost:** Heavier and typically more expensive than single sheath cables


**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



### COMPANY PROFILE



### ABOUT FIBER

Guangzhou fiber cablepuls co.,ltd

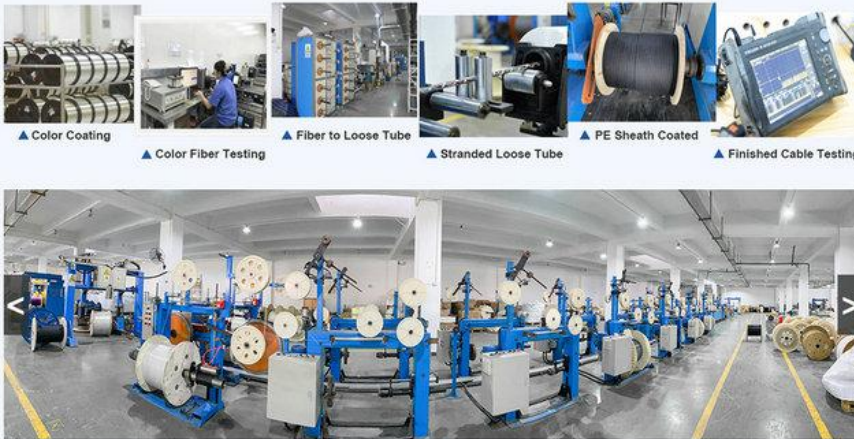
Fiber cablepuls is one of the high-tech fiber optic cable factories in China that can produce the most complete series of fiber optic cables, equipped with the most advanced fiber optic cable manufacturing, and have the most advanced fiber optic connector production and testing equipment in China.

The factory has obtained SGS ISO9001-2015, ISO14001-2004 and GB/T28001-2001 successively obtained international system certification.

Over the past 12 years, we have provided optical cable products and comprehensive solutions to more than 90 countries and regions around the world, and have received unanimous praise from customers, such as foreign telecom departments of the United States, Mexico Telecom, Thailand Telecom, Philippines Telecom, etc., domestic customers include: China Mobile, the General Administration of Radio, Film and Television, Lenovo, and many other large national enterprises.



## OUR PRODUCTION CAPACITY AND QUALITY CONTROL SYSTEM



▲ Color Coating

▲ Color Fiber Testing

▲ Fiber to Loose Tube

▲ Stranded Loose Tube

▲ PE Sheath Coated

▲ Finished Cable Testing

## How to Place an OEM or Customized Order

Send your purchase intention to our email: [cotton@fibercablepuls.com](mailto:cotton@fibercablepuls.com)

Our sales team will contact you to confirm product specifications, packaging, printing, quantity, and other requirements

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



**guangzhou fiber cablepuls co ltd**



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