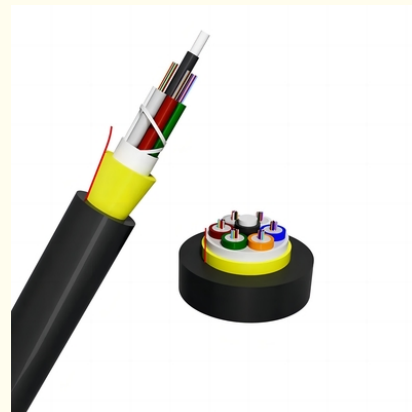




ADSS Fiber Optic Cable 12 Core Single Sheath Aerial Installation

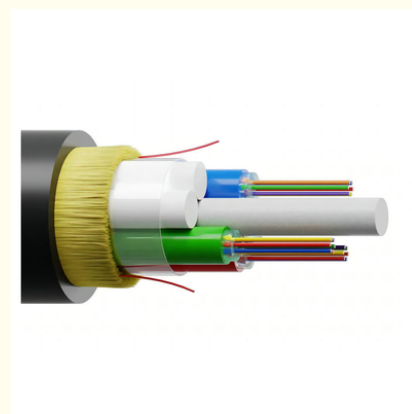
Basic Information

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

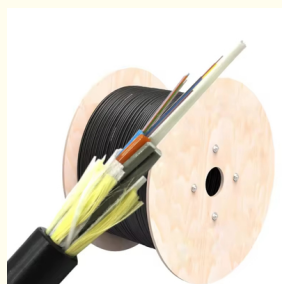
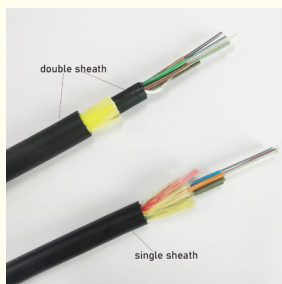
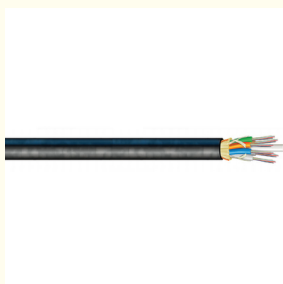


Product Specification

- Fiber Count: 12/24/36/48/72/144
- Warranty Period: 25 Years
- Jacket Color: Black
- Application: Outdoor Overhead
- Temperature Range: -40°C To $+70^{\circ}\text{C}$
- Fiber Type: Single-mode
- Inner Sheath Material: PE
- Installation Method: Aerial
- Strength Member Material: FRP/ARMID YARN
- Cable Diameter: 13.5mm
- Highlight: Single Sheath ADSS Fiber Optic Cable,
12 Hilo ADSS Fiber Optic Cable,
Aerial Installation ADSS Fiber Cable



More Images



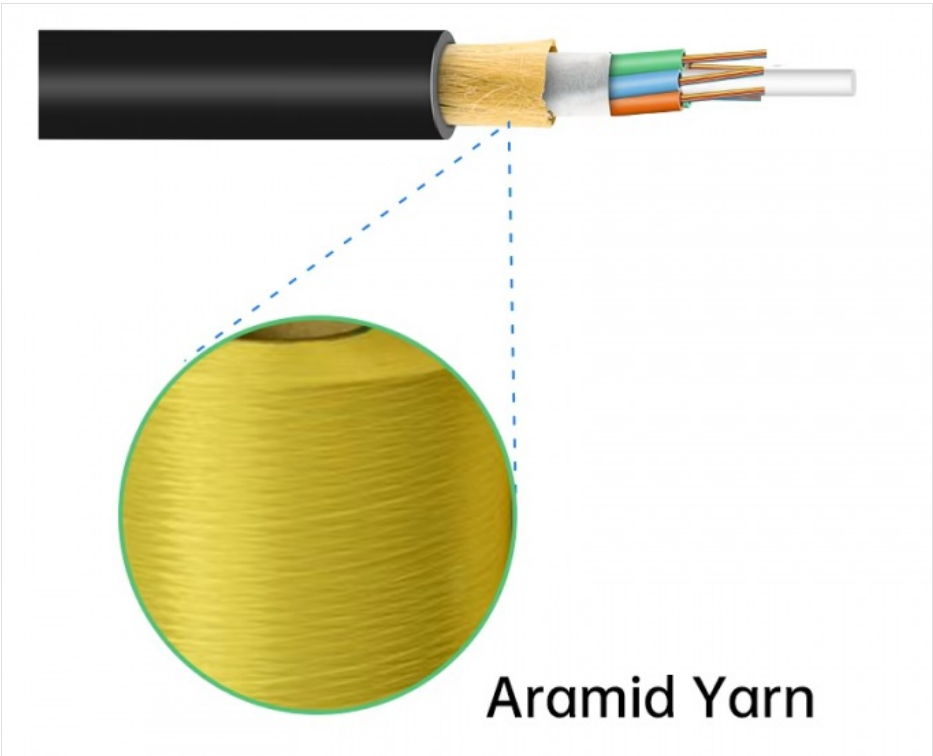
Product Description

ADSS Fiber Optic Cable For Aerial Installation 12 Hilos Single Sheath Single Mode

Product Specifications

Attribute	Value
Fiber Count	12/24/36/48/72/144
Warranty Period	25 years
Jacket Color	Black
Application	Outdoor overhead
Temperature Range	-40°C to +70°C
Fiber Type	Single-mode
Inner Sheath Material	PE
Installation Method	Aerial
Strength Member Material	FRP/ARMID YARN
Cable Diameter	13.5mm

ADSS cable is a versatile, efficient, and durable solution for fiber optic communication in challenging outdoor environments. Its unique design and construction make it well-suited for a variety of applications, providing reliable and high-performance connectivity in even the most demanding conditions.



Key Features

- ✓ High tensile strength
- ✓ All dielectric structure and semi-dry core design
- ✓ Small diameter and light weight
- ✓ Self-supporting aerial installation

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

No.	Items	Unit	Specification
G.652D			
1	Mode Field Diameter	1310nm μm 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.)	1310nm dB/km 1550nm dB/km 1380nm dB/km 1625nm dB/km	≤0.35 ≤0.21 ≤0.35 ≤0.24
10	Attenuation and wavelength	1310nm 1285-1330nm dB/km 1550nm 1525-1575nm dB/km 1550nm 1480-1580nm dB/km	≤0.04 ≤0.03 ≤0.05
11	Dispersion	1288-1339nm ps/(nm.km) 1271-1360nm ps/(nm.km) 1480-1580nm ps/(nm.km) 1550nm ps/(nm.km)	≥-3.5, ≤3.5 ≥-5.3, ≤5.3 ≤20 ≤18
12	Zero dispersion wavelength	Nm	1300-1324
13	Zero dispersion slope	ps/(nm ² ·km)	≤0.092
14	Typical value	ps/(nm ² ·km)	0.04
15	Largest individual fiber	Ps/√ km	0.2
16	Link design values	Ps/√ km	0.1
17	Two way average	1310nm-1550	≤0.01dB

Cable Marking & Fiber Colors

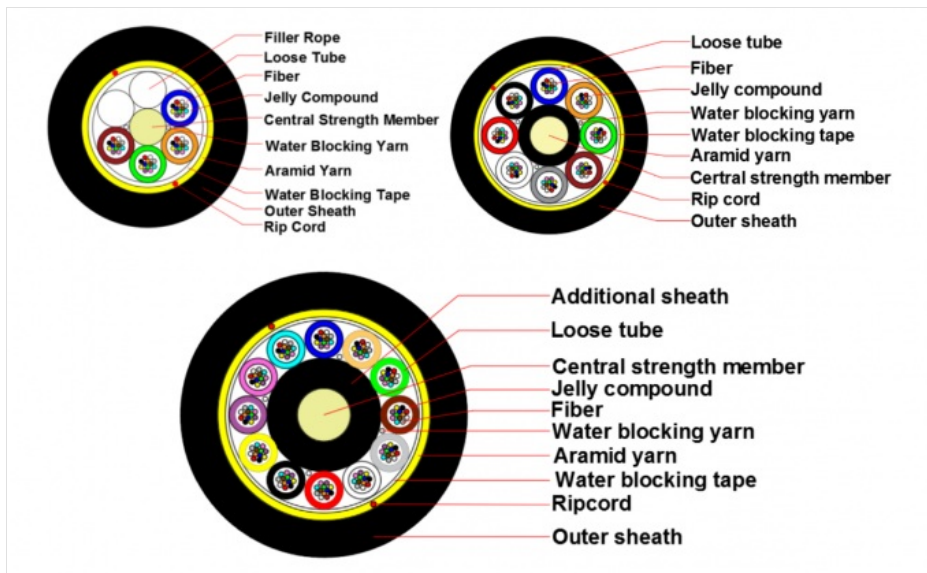
COMPANY Fiber cable name N*cores G.652D 2024 XXXXm

*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.





Single Sheath ADSS Cable Features

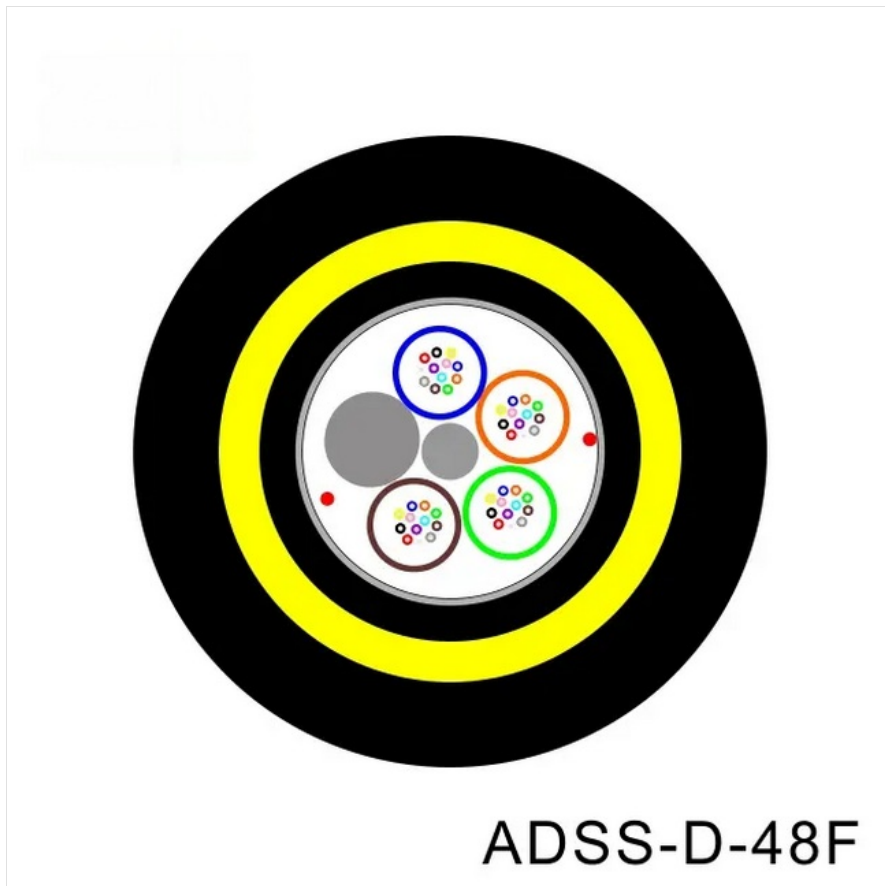
- ✓ Features a single outer jacket layer
- ✓ Lightweight design compared to double sheath variants
- ✓ Cost-effective due to less material usage
- ✓ Sufficient protection against UV rays, moisture, and minor abrasions

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

Double Sheath ADSS Cable Features

- ✓ Equipped with two layers of sheathing (inner and outer jacket)
- ✓ Enhanced mechanical protection for harsher environments
- ✓ More resistant to abrasion, rodents, and physical damage
- ✓ Heavier and more expensive than single sheath cables

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



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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