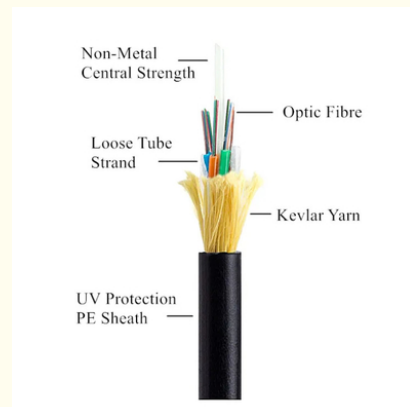




## ADSS Fiber Optic Cable 6-144 Core Single Mode Aerial Installation

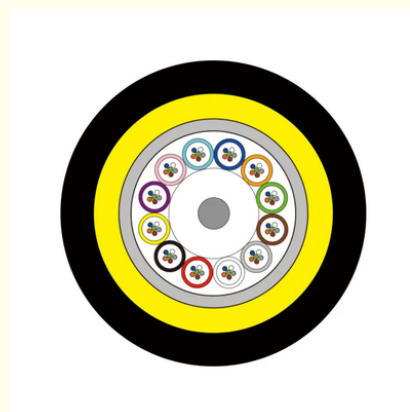
### Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: ADSS-48b1.3-SJ-100M/200M/300M
- Minimum Order Quantity: 2km
- Price: negotiate
- 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

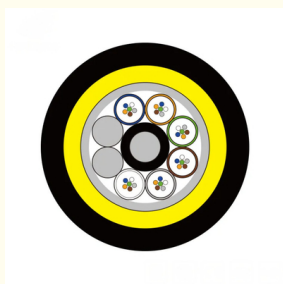
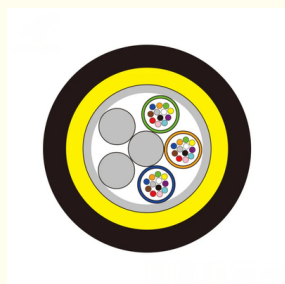


### Product Specification

- Type: ADSS Optical Cable-48b1.3
- Fiber Type: Single Mode
- Fiber Count: 6/12/24/36/48/72/144
- Outer Sheath: Black PE
- Inner Sheath Material: PE/AT
- Installation Method: Aerial
- Strength Member Material: FRP/ARMID YARN
- Cable Diameter: 12.5mm
- Highlight: 12 Core ADSS Fiber Optic Cable,  
100m ADSS Fiber Optic Cable,  
80m ADSS Fiber Optic Cable



### More Images



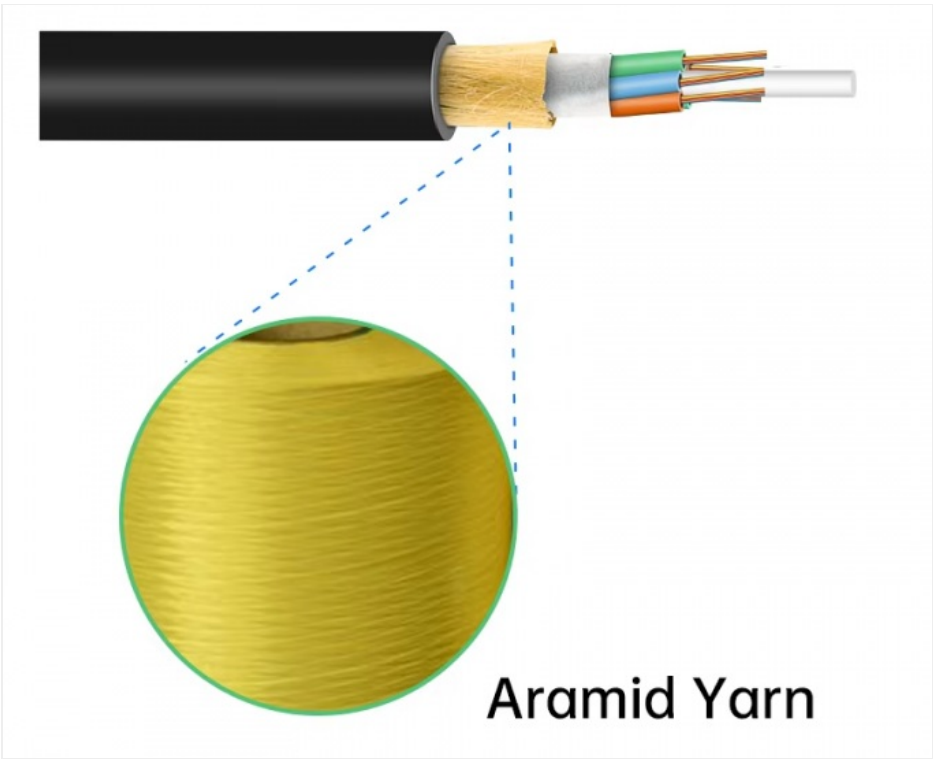
Product Description

ADSS Fiber Optic Cable 12/24/48/96 Core

ADSS (All-Dielectric Self-Supporting) fiber optic cable features an all-dielectric structure requiring no metal support. Composed of optical fibers, weather-resistant sheaths, and reinforcing cores, it offers excellent resistance to corrosion, UV rays, and electromagnetic interference for reliable performance in harsh environments.

Product Specifications

| Attribute                | Value                     |
|--------------------------|---------------------------|
| Type                     | ADSS optical cable-48b1.3 |
| Fiber Type               | Single mode               |
| Fiber Count              | 6/12/24/36/48/72/144      |
| Outer Sheath             | Black PE                  |
| Inner Sheath Material    | PE/AT                     |
| Installation Method      | Aerial                    |
| Strength Member Material | FRP/ARMID YARN            |
| Cable Diameter           | 12.5mm                    |



Technical 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 (G.652D)

| No. | Items                                           | Unit  | Specification                 |
|-----|-------------------------------------------------|-------|-------------------------------|
| 1   | Mode Field Diameter (1310nm/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    | $\lambda_{cc} \leq 1260$      |
| 9   | Attenuation(max.) (1310nm/1550nm/1380nm/1625nm) | dB/km | ≤0.35 / ≤0.21 / ≤0.35 / ≤0.24 |

#### Key Advantages

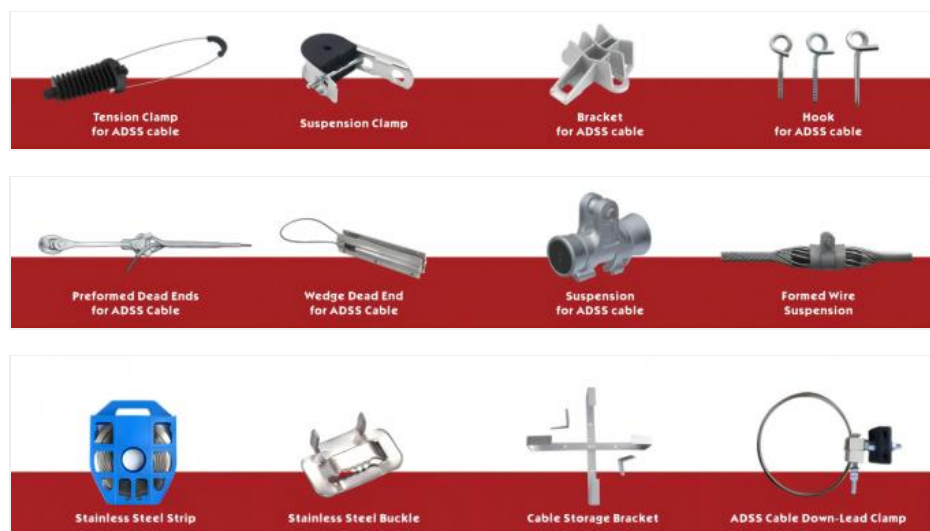
- All-dielectric design eliminates need for metal support structures, reducing installation costs
- Engineered to withstand high electric fields near power lines without electromagnetic interference
- Superior weather resistance and tensile strength for harsh environments (coastal areas, high altitudes)
- Long-term reliability with excellent corrosion and UV resistance



#### Typical Applications



## Compatible Hardware



## Ordering Process

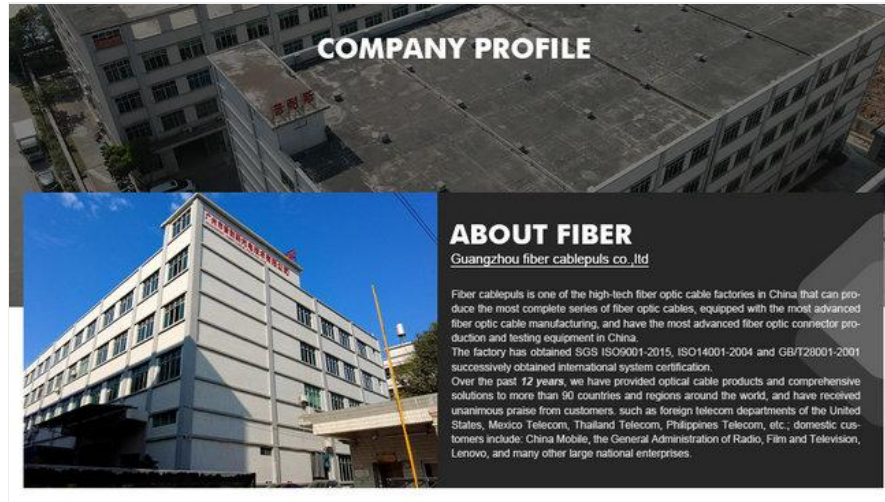
Send purchase requirements to [cotton@fibercablepuls.com](mailto:cotton@fibercablepuls.com)

Our team will confirm specifications, packaging, and quantity

Sign contract or Proforma Invoice

Production begins after deposit receipt

Shipping coordination begins 2 weeks before completion



## OUR PRODUCTION CAPACITY AND QUALITY CONTROL SYSTEM



guangzhou fiber cablepuls co ltd



+8613687956390



cotton@fibercablepuls.com



fiberoptical-cables.com

925-926, Building B1, No. 2 Chuanghui Avenue, Yonghe Yushan InternationalGuangzhou city,Guangdong  
province,China