



ASU Mini ADSS Fiber Optic Cable 12 Core Self-Supporting Aerial

Our Product Introduction

Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: ASU-8B1.3-120/80m
- Minimum Order Quantity: 2km
- Price: negotiate
- Packaging Details: Wooden Spool /drum
- Delivery Time: 5-25days
- Payment Terms: 30%TT as deposit,70%Balance before shipping.
- Supply Ability: 100km



Product Specification

- Item NO.: ASU-8B1.3-120/80m
- Fiber Count: 12
- Inner Sheath Material: PE
- Installation Method: Aerial
- Strength Member Material: FRP*2
- Cable Diameter: 7mm/8mm
- Span: 80m-120m
- Installation: Self- Supporting Aerial
- Oem: Available
- Color: Black
- Structure: Loose Tube
- Application: Telecommunication,Aerial,Telecom,Network
- Highlight: **12 Cores ASU Cable , Long Span Fiber Cable, 4Km ASU Cable**



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Product Description

ASU Cable CABLE Fiber ASU Mini ADSS 12 Cores Span 100 X 4Km

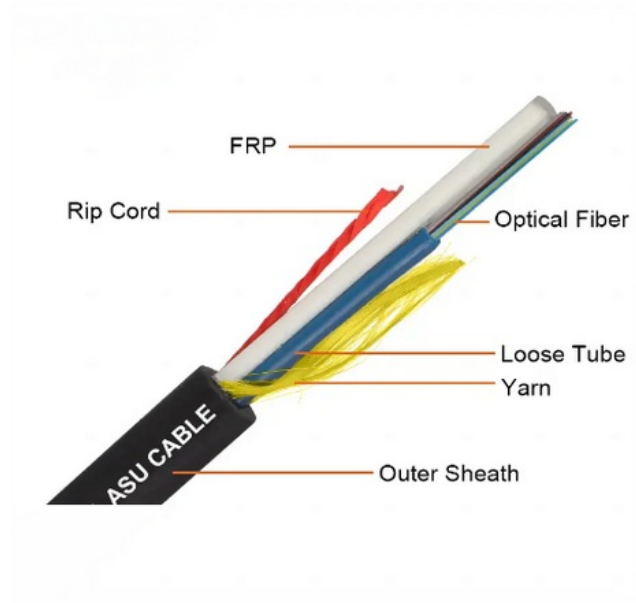
Product Specifications

Attribute	Value
Item NO.	ASU-8B1.3-120/80m
Fiber Count	12
Inner Sheath Material	PE
Installation Method	Aerial
Strength Member Material	FRP*2
Cable Diameter	7mm/8mm
Span	80m-120m
Installation	Self-supporting Aerial
OEM	Available
Color	Black
Structure	Loose Tube
Application	Telecommunication, Aerial, Telecom, Network

Product Overview

The 2~12 Fibers ASU Cable (AS80 and AS120) is a Self-Supported Optical Cable designed for connections between devices in both urban and rural networks. Suitable for spans of 80m or 120m, this cable features:

- Self-supported, totally dielectric construction
- FRP strength member for traction, preventing electrical discharges
- Easy handling and installation without requiring strings or grounding



Technical Specifications

No. of cable	12	24
Fiber Model	G.652D	
Loose Tube Material	PBT	
Loose Tube Diameter	2.5±0.1mm	2.8±0.1mm
Loose Tube Thickness	0.32±0.05 mm	
Loose Tube Color	Nature	
Strength Member Material	FRP	
Strength Member Diameter	2.5±0.05 mm	2.5±0.1mm
Outer Sheath Material	PE	
Outer Sheath Color	Black	
Cable Diameter	8.0±0.2 mm	8.5±0.2 mm
Cable Weight	55±5.0 kg/km	65±5.0 kg/km
Allowable Tensile Strength	1000N	1500N
Allowable Crush Resistance	1100N/100mm	2200N/100mm
Min. bending radius	Without Tension: 10.0×Cable-φ Under Maximum Tension: 20.0×Cable-φ	
Temperature range ()	Installation: -20~+60 Transport & Storage: -40~+70 Operation: -40~+70	

Fiber Parameters

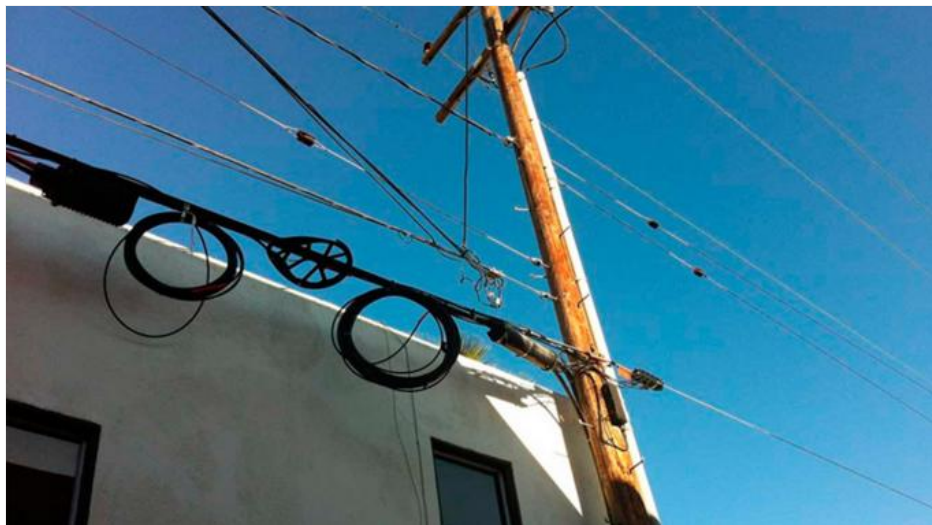
No.	Items	Unit	Specification
1	Mode Field Diameter (1310nm)	μm	9.2±0.4
1	Mode Field Diameter (1550nm)	μm	10.4±0.8
2	Cladding Diameter	μm	125.0±1.0

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)	dB/km	≤0.35
9	Attenuation(max.) (1550nm)	dB/km	≤0.21
9	Attenuation(max.) (1380nm)	dB/km	≤0.35
9	Attenuation(max.) (1625nm)	dB/km	≤0.24
10	Attenuation and wavelength (1310nm 1285-1330nm)	dB/km	≤0.04
10	Attenuation and wavelength (1550nm 1525-1575nm)	dB/km	≤0.03
10	Attenuation and wavelength (1550nm 1480-1580nm)	dB/km	≤0.05
11	Dispersion (1288-1339nm)	ps/(nm.km)	$\geq -3.5, \leq 3.5$
11	Dispersion (1271-1360nm)	ps/(nm.km)	$\geq -5.3, \leq 5.3$
11	Dispersion (1480-1580nm)	ps/(nm.km)	≤20
11	Dispersion (1550nm)	ps/(nm.km)	≤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 ^{1/2} / km	0.2
16	Link design values	Ps ^{1/2} / km	0.1
17	Two way average (1310nm-1550)	dB	≤0.01

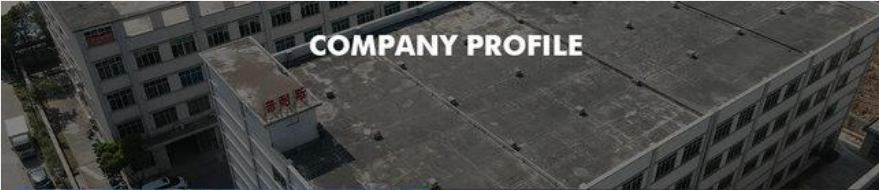
Installation Guidelines

When installing an ASU cable:

- Ensure it does not bend beyond its minimum radius
- Avoid physical damage during handling
- Use appropriate clamps to secure it without excessive pressure








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

OEM & Custom Order Process

1. Send your purchase intention to our email: cotton@fibercablepuls.com
2. Our sales team will contact you to confirm product specifications, packaging, printing, quantity, and other requirements
3. Sign the contract or Proforma Invoice
4. After receiving your deposit, we will begin production
5. Two weeks before production completion, we will notify you to arrange shipping



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