12 Core ASU Aerial Fiber Optic Cable Self Supporting 80-120m Span

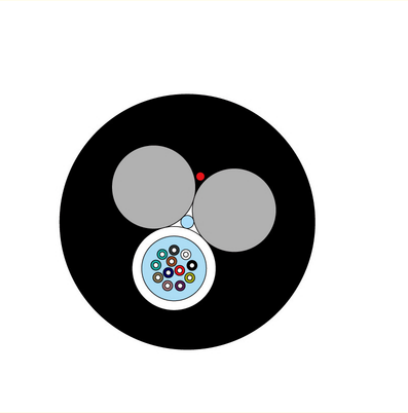
Our Product Introduction

Basic Information

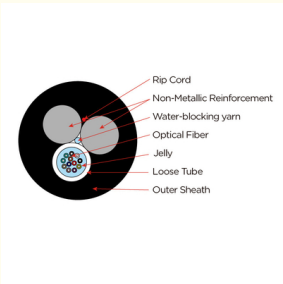
- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: ASU-8B1.3-120/80m
- Minimum Order Quantity: 2km
- Price: negotiate
- Packaging Details: Wooden Spool /drum
- Delivery Time: 5-25days
- Payment Terms: 30%TT as deposit,70%Balance before shipping.
- 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: **ASU Aerial Fiber Optic Cable**, **12 Core Aerial Fiber Optic Cable**, **Self Supporting ASU Cable**



More Images



Product Description

ASU Cable Single Mode 12 Core ASU Aerial Fiber Optic Cable

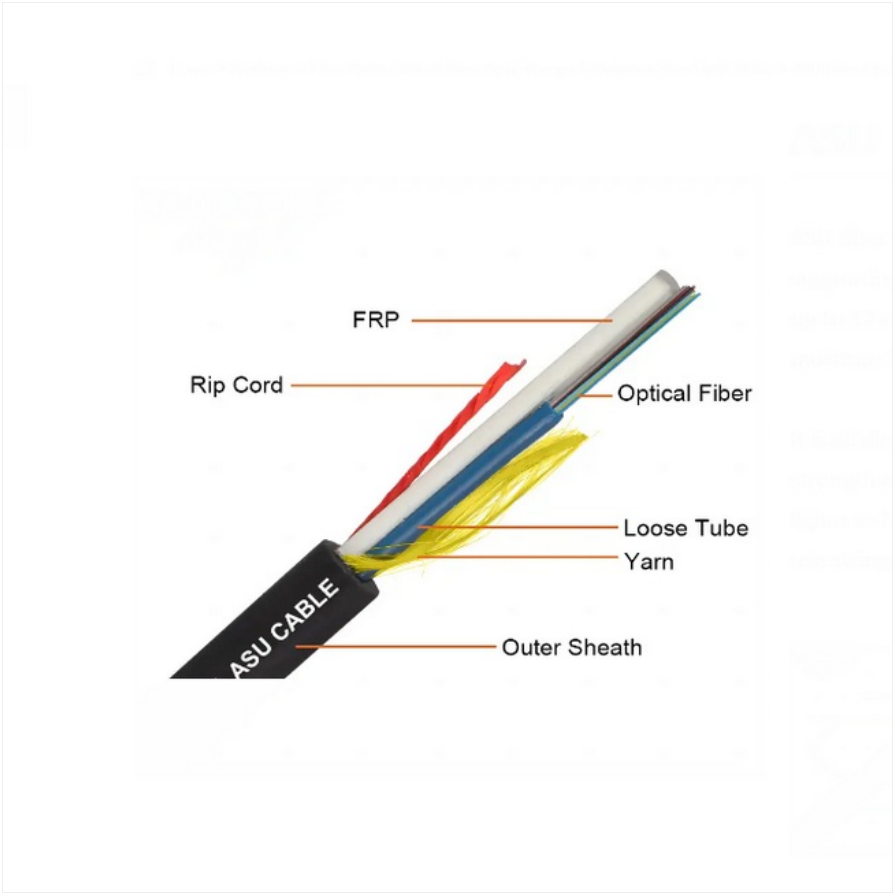
Product Specifications

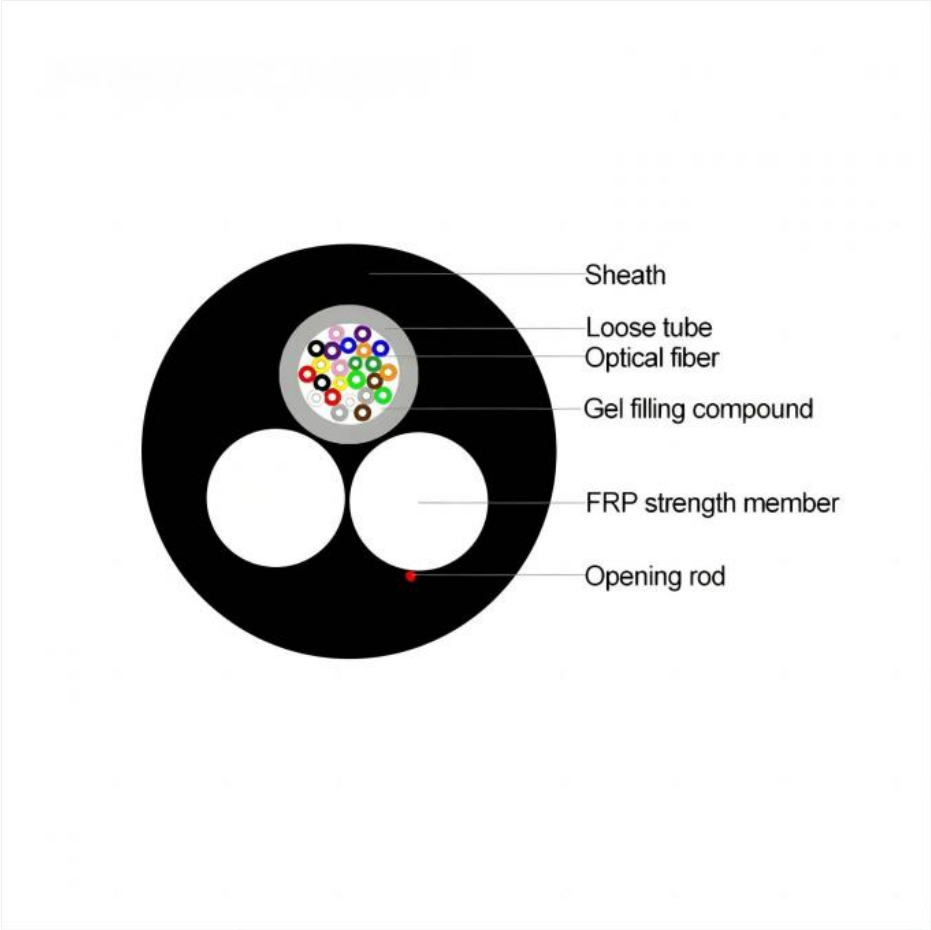
Attribute	Value
Item NO.	ASU-8B1.3-120/80m
Fiber Count	12
Inner Sheath Material	PE
Installation Method	Aerial
Strength Member Material	FRP*2
Cable Diameter	7mm/8mm
Span	80m-120m
Installation	Self-supporting Aerial
OEM	Available
Color	Black
Structure	Loose Tube
Application	Telecommunication, Aerial, Telecom,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

Product Description

The Single Mode 12 Core ASU Aerial Fiber Optic Cable features a loose tube structure with water-resistant gel compound for optimal fiber protection. Water-blocking material is applied over the tube to prevent moisture ingress. Two parallel fiber-reinforced plastic (FRP) elements provide structural support. The cable is encased in a single PE outer sheath, making it ideal for aerial installations in long-distance communication systems.

Custom core configurations are available (2, 4, 6, 12 up to 24 cores) to meet specific project requirements.


FRP
Rip Cord
Optical Fiber
Loose Tube
Yarn
ASU CABLE
Outer Sheath



Technical Specifications

Cable Construction

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	
Min. bending radius (Under Maximum Tension)	20.0×Cable-φ	
Temperature range (Installation)	-20~+60	
Temperature range (Transport & Storage)	-40~+70	
Temperature range (Operation)	-40~+70	

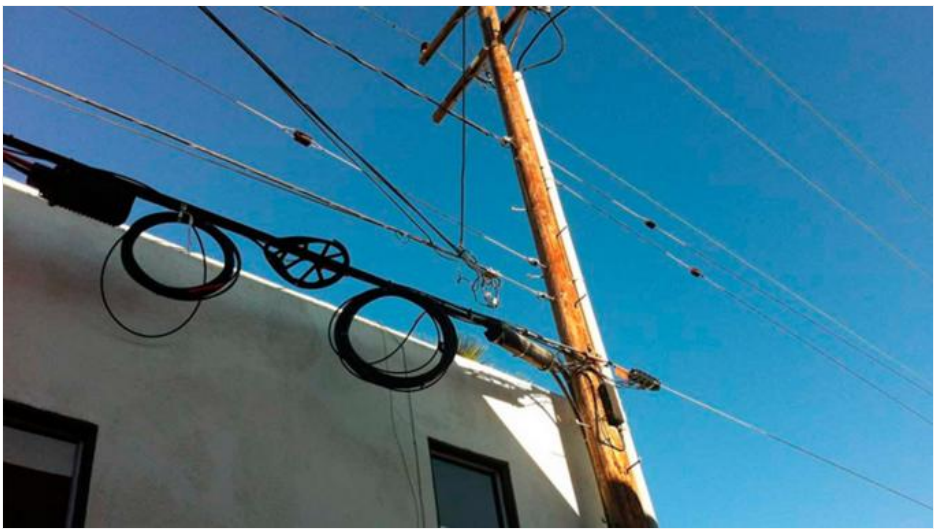
Fiber Parameters (G.652D)

No.	Items	Unit	Specification

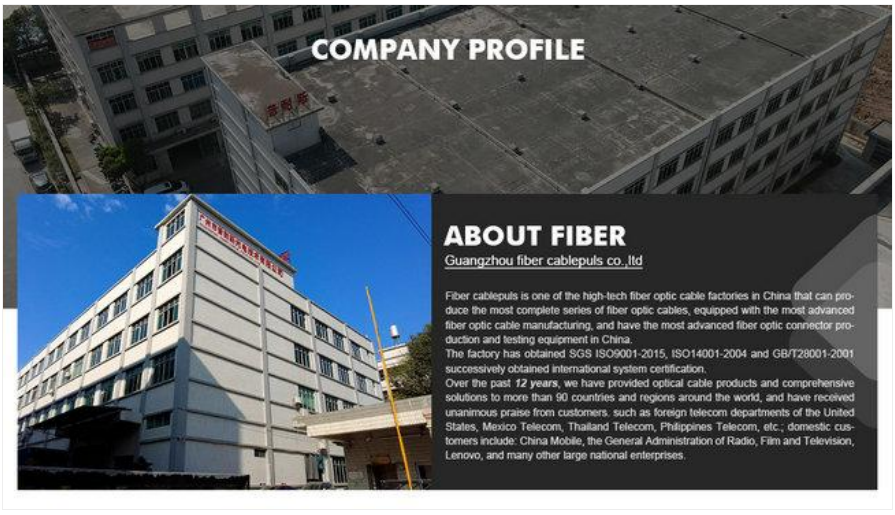
1	Mode Field Diameter (1310nm)	μm	9.2±0.4
	Mode Field Diameter (1550nm)	μm	10.4±0.8
2	Cladding Diameter	μm	125.0±1.0
3	Cladding Non-Circularity	%	≤1.0
4	Core-Cladding Concentricity Error	μm	≤0.5
5	Coating Diameter	μm	245±5
6	Coating Non-Circularity	%	≤6.0
7	Cladding-Coating Concentricity Error	μm	≤12.0
8	Cable Cutoff Wavelength	nm	λcc≤1260
9	Attenuation (max.) 1310nm	dB/km	≤0.35
	Attenuation (max.) 1550nm	dB/km	≤0.21
	Attenuation (max.) 1380nm	dB/km	≤0.35
	Attenuation (max.) 1625nm	dB/km	≤0.24
10	Attenuation and wavelength 1310nm 1285-1330nm	dB/km	≤0.04
	Attenuation and wavelength 1550nm 1525-1575nm	dB/km	≤0.03
	Attenuation and wavelength 1550nm 1480-1580nm	dB/km	≤0.05
11	Dispersion 1288-1339nm	ps/(nm.km)	≥-3.5, ≤3.5
	Dispersion 1271-1360nm	ps/(nm.km)	≥-5.3, ≤5.3
	Dispersion 1480-1580nm	ps/(nm.km)	≤20
	Dispersion 1550nm	ps/(nm.km)	≤18
12	Zero dispersion wavelength	Nm	1300-1324
13	Zero dispersion slope	ps/(nm2•km)	≤0.092
14	Typical value	ps/(nm2•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)	dB	≤0.01

Installation Guidelines

When installing ASU cable, ensure the bending radius is not exceeded, avoid physical damage during handling, and use appropriate clamps to secure the cable without applying excessive pressure.



Supplier Information



Custom Order Process

Send your purchase requirements to **cotton@fibercablepuls.com**

Our sales team will confirm product specifications, packaging, printing, and quantity

Sign contract or Proforma Invoice

Production begins after deposit receipt

Shipping coordination begins 2 weeks before production completion

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