₫

more products please visit us on fiberoptical-cables.com

## ASU Cable 1-24 Core ASU Micro Mini ADSS-Aerial Self-Supported Dielectric Fiber Optic Cable, G.652D

#### Basic Information

• Place of Origin: GUANGZHOU/CHINA • Brand Name: PUNAISGD/CABLEPULS

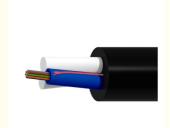
 Certification: ISO/CE/ROSH Model Number: ASU-6B1.3 Minimum Order Quantity: 2km • Price: negotiate

Packaging Details: Wooden Spool /drum

• Delivery Time: 5-25days

30%TT as deposit,70%Balance before • Payment Terms:

shipping. 100km Supply Ability:



#### **Product Specification**

• ITEM NO.: ASU-6B1.3

• Fiber Count: 6 • Inner Sheath Material: PΕ Installation Method: Aerial • Strength Member Material: FRP\*2 • Cable Diameter: 7mm/8mm • Span: 80m-120m • Installation:

Self- Supporting Aerial

• Oem: Available • Color: Black

• Application: Telecommunication, Aerial, Telecom, Network

• Highlight: aerial asu cable, aerial fiber optic cable,

80m asu cable



### More Images

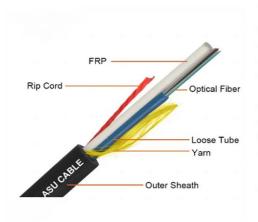


#### **Product Description**

ASU Cable 1-24 Core ASU Micro Mini ADSS-Aerial Self-Supported Dielectric Fiber Optic Cable, G.652D

Mini ADSS (All-Dielectric Self-Supporting) Fiber Cable is a type of optical fiber cable designed for overhead applications, where it is used to transmit data and communication signals over long distances. It's an advanced version of the traditional ADSS cable, with a smaller diameter and reduced weight, making it ideal for situations where space and weight constraints are important. ADSS cables are "self-supporting," meaning they do not require metallic supports or messenger wires for strength the fiber cable itself is designed to bear its own weight.





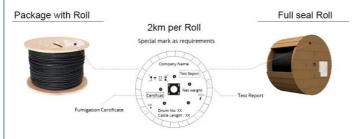


# The Technical Data of ASU Fiber Optic Cable

Thickness	No. of cable			12	24			
Diameter   2.5±0.1mm   2.8±0.1mm   Thickness   0.32±0.05 mm   Color   Nature	Fiber M	lodel		G.652D				
Thickness	Loose Tube Diameter Thickness		PBT					
Thickness			Diameter	2.5±0.1mm   2.8±0.1mm				
Material   FRP   Diatmeter			Thickness	0.32±0.05 mm				
Member   Diatmeter   Diatme			Color	Nature				
Member   Diatmeter   Material   PE   Color   Black   S±0.2 mm   S±5.0 kg/km   S±5.0	Ctronat	h	Material	FRP				
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/100m mm         2200N/100mm           Min. bending radius         Without Tension         10.0 × Cable-φ           Under Maximum Tension         20.0 × Cable-φ           Temperature range (°C)         Installation         -20 ~ +60           Transport&Storage         40 ~ +70           Operation         -40 ~ +70           Fiber Parameters         Unit         Specification G.652D           1         Mode Field Diameter         1310nm         μm         9.2±0.4           1         Mode Field Diameter         μm         125.0±1.0           3         Cladding Diameter         μm         125.0±1.0           3         Cladding Non-Circularity         %         ≤1.0           4         Core-Cladding Concentricity Error         μm         245±5           5         Coating Diameter         μm         ≤12.0           6         Coating Non-Circularity         %         ≤0.0           7			Diatmeter	5+0 1mm				
Color   Black   Cable Diameter   8.0±0.2 mm   8.5±0.2 mm   8.5±5.0 kg/km   S5±5.0 kg/km   S0±5.0 kg/km   S0±	( )utor Shooth		Material	PE				
Cable Weight			Color	Black				
Allowable Tensile Strength   1000N   1500N   1500N	Cable D	Diameter	'	8.0±0.2 mm	0±0.2 mm   8.5±0.2 mm			
Allowable Crush Resistance   1100N/100m   2200N/100mm      Min. bending radius   Without Tension   10.0×Cable-\$\phi\$      Temperature range   Installation   20~+60      Transport&Storage   40~+70      Operation   -40~+70      Fiber Parameters	Cable Weight				65±5.0 kg/km			
Allowable Crush Resistance   1100N/100m   2200N/100mm      Min. bending radius   Without Tension   10.0×Cable-\$\phi\$      Temperature range   Installation   20~+60      Transport&Storage   40~+70      Operation   -40~+70      Fiber Parameters	Allowable Tensile Strength			1000N	1500N			
Under Maximum Tension   20.0×Cable-φ	·			1100N/100n m	2200N/100mm			
Tension	Witho		Without Tension	10.0×Cable-φ				
Transport&Storage				20.0×Cable-φ				
Operation   -40~+70	Temperature Installation			-20~+60				
No.   Items   Unit   Specification   G.652D     1			Transport&Storage	-40~+70				
No.         Items         Unit         Specification G.652D           1         Mode Field Diameter         1310nm         μm         9,2±0.4           2         Cladding Diameter         μm         10.4±0.8           3         Cladding Non-Circularity         %         ≤1.0           4         Core-Cladding Concentricity Error         μm         ≤0.5           5         Coating Diameter         μm         ≤45±5           6         Coating Non-Circularity         %         ≤6.0           7         Cladding-Coating Concentricity Error         μm         ≤12.0           8         Cable Cutoff Wavelength         nm         λccs1260           8         Cable Cutoff Wavelength         1310nm         dB/km         ≤0.35           1550nm         dB/km         ≤0.35         dB/km         ≤0.35           1550nm         dB/km         ≤0.35         dB/km         ≤0.24           1310nm 1285-1330nm         dB/km         ≤0.04           1550nm 1525-1575nm         dB/km         ≤0.03           1550nm 1480-1580nm         dB/km         ≤0.03			Operation	-40~+70				
No. Items Unit G.652D    Mode Field Diameter   1310nm	Fiber Pa	rameters						
1 Mode Field Diameter   1310nm	No.	Items				Init		
Mode Field Diameter				4040		-	0	
2 Cladding Diameter	1	Mode Fie	Mode Field Diameter				0.220	
3 Cladding Non-Circularity	2	Cladding	Diameter	1550nm				
4 Core-Cladding Concentricity Error								
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           1550nm         dB/km         ≤0.35           1550nm         dB/km         ≤0.21           1380nm         dB/km         ≤0.25           1625nm         dB/km         ≤0.24           1310nm 1285-1330nm         dB/km         ≤0.04           1550nm 1525-1575nm         dB/km         ≤0.03           1550nm 1480-1580nm         dB/km         ≤0.05								
6 Coating Non-Circularity % ≤6.0 7 Cladding-Coating Concentricity Error µm ≤12.0 8 Cable Cutoff Wavelength nm λcc≤1260 1310nm dB/km ≤0.35 1550nm dB/km ≤0.21 1380nm dB/km ≤0.35 1625nm dB/km ≤0.35 1625nm dB/km ≤0.24 1310nm 1285-1330nm dB/km ≤0.24 1310nm 1285-1330nm dB/km ≤0.04 1550nm 1525-1575nm dB/km ≤0.04 1550nm 1525-1575nm dB/km ≤0.03								
7 Cladding-Coating Concentricity Error µm ≤12.0  8 Cable Cutoff Wavelength nm λcc≤1260  9 Attenuation(max.) 1310nm dB/km ≤0.35 1550nm dB/km ≤0.21 1380nm dB/km ≤0.35 1625nm dB/km ≤0.24 1625nm dB/km ≤0.24 1510nm 1285-1330nm dB/km ≤0.04 1550nm 1525-1575nm dB/km ≤0.03 1550nm 1525-1575nm dB/km ≤0.03 1550nm 1480-1580nm dB/km ≤0.05						I.		
8 Cable Cutoff Wavelength nm \( \lambda \cc≤1260 \) 9 Attenuation(max.) \( \begin{array}{ccc} \frac{1310nm}{1550nm} & dB/km & ≤0.35 \) 1550nm \( \dB/km \) \( \d			,					
9 Attenuation(max.)								
9 Attenuation(max.) 1550nm dB/km ≤0.21 1380nm dB/km ≤0.35 1625nm dB/km ≤0.24 1310nm 1285-1330nm dB/km ≤0.04 1550nm 1525-1575nm dB/km ≤0.03 1550nm 1525-1575nm dB/km ≤0.03 1550nm 1480-1580nm dB/km ≤0.05	8	· · · · · · · · · · · · · · · · · · ·						
9 Attenuation(max.) 1380nm dB/km ≤0.35 1625nm dB/km ≤0.24 1310nm 1285-1330nm dB/km ≤0.04 1550nm 1525-1575nm dB/km ≤0.03 1550nm 1480-1580nm dB/km ≤0.05								
9 Attenuation(max.)   1625nm   dB/km   ≤0.24	9							
10 Attenuation and wavelength 1310nm 1285-1330nm dB/km ≤0.04 1550nm 1525-1575nm dB/km ≤0.03 1550nm 1480-1580nm dB/km ≤0.05			Attenuation(max.)					
10 Attenuation and wavelength 1550nm 1525-1575nm dB/km ≤0.03 1550nm 1480-1580nm dB/km ≤0.05								
10 Attenuation and wavelength 1550nm 1480-1580nm dB/km ≤0.05	10							
		Att	Attenuation and wavelength					
				1288-1339	nm	ps/(nm.km)	≥-3.5, ≤3.5	

11	Dispersion	1271-1360nm	ps/(nm.km)	≥-5.3, ≤5.3
		1480-1580nm	ps/(nm.km)	≤20
		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	≤0.01dB	

Mini ADSS fiber cables offer a compact, lightweight, and durable solution for outdoor fiber optic communication, making them ideal for installations in places where space and weight are critical factors. They are widely used in telecommunications, utility networks, and urban infrastructure, providing high-speed, reliable communication without the need for metallic supports or grounding systems.







## **OUR PRODUCTION CAPACITY AND QUALITY CONTROL SYSTEM**





## How do I place an OEM or customized order?

- 1) Send your purchase intention to our email: cotton@fibercablepuls.com
  2) Our sales team will contact you to confirm the product specification, packaging, printing, quantity, and other specific information.

- 3) Sign the contract or Proforma Invoice.
  4) After receiving your deposit, we will start to arrange the production.
  5) 2 weeks before the completion of production, we will notify you to start contacting shipping.



+8613687956390

cotton@fibercabl