

## NSN Boot LC UPC to NSN Boot LC UPC Duplex Fiber Patch Cord 9/125 OS2 LSZH Jacket

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: FIBERMANIA
- Certification: RoHS, CE, ISO9001, VDE, CCC
- Model Number: NLCNLC-SM024LBK
- Minimum Order Quantity: 10 Pieces
- Price: Negotiable
- Packaging Details: PE bag or OEM service optional
- Payment Terms: T/T, Western Union, L/C
- Supply Ability: 1000 Pieces



### Product Specification

- Connector Type: NSN To NSN
- Polish Type: UPC To UPC
- Fiber Grade: Corning G657A1
- Fiber Count: Duplex
- Cable (OD): 4.8mm
- Cable Jacket: LSZH
- Jacket Color: Black
- Application: Outdoor Or FTTA
- Name: FTTA Solutions
- Highlight: **Duplex Fiber Patch Cord LSZH Jacket ,  
NSN Boot LC LC Duplex Patch Cord ,  
LC To LC Duplex Patch Cord**



### More Images



## Product Description

### NSN Boot LC UPC to LC UPC Duplex Fiber Patch Cord 9/125 OS2 LSZH Jacket

NSN Boot LC UPC to LC UPC Duplex Fiber Patch Cord 9/125 OS2 LSZH Jacket is a specially designed fiber optic jumper primarily used in data communication and computer networks. This type of jumper adopts the NSN connector design. NSN Boot refers to the protective sleeve of the fiber optic jumper, which is used to prevent damage to the fiber optic connector and provide some mechanical protection. It usually refers to non-standard components used in specific network environments. Contains duplex LC connectors, using single-mode fiber with a core diameter of 9/125, and the housing material is LSZH material, which is suitable for indoor and outdoor wiring. This is a high-performance, low loss, duplex fiber jumper suitable for single-mode fiber optic networks, widely used in data centers and telecommunications networks.

#### Features

1. High speed, singlemode
2. Lower insertion loss and higher return loss
3. Good waterproof and dustproof performance
4. Provide certain mechanical protection
5. LSZH Material safety and environmental protection

#### Application

1. Telecoms, broadcast, military fields
2. Harsh environmental applications for fiber optic communications
3. Outdoor communication equipment connection
4. Remote wireless base station
5. Widely used in FTTH & FTTH
6. BBU, RRU, RRH, LTE

#### Fiber Parameters

Fiber Parameters				
No.	Items		Unit	Value
1	Core Diameter		um	9/125: G652D, G657A1, G657A2 62.5/125: OM1: 62.5 50/125: OM2, OM3, OM4, OM5
2	Cladding Diameter		um	125±10
3	Core Non-Circularity		%	≤6.0
4	Cladding Non-Circularity		%	≤2.0
5	Core-Cladding Concentricity		um	≤1.0
6	Coating Diameter		um	245±10
7	Cladding-Coating Concentricity		um	≤12.5
8	Attenuation (Max.)	850nm	dB/km	3.0
		1300nm	dB/km	1.0
		1310nm	dB/km	0.35
		1550nm	dB/km	0.22

#### Cable Parameters

Items		Value
Fiber Count		2 or 4
Buffer	Diameter	0.85mm±0.05mm
	Material	LSZH
Simpelx Cable	Diameter	2.0mm±0.1mm
	Material	LSZH
Filler	Diameter	2.0mm±0.1mm
	Material	LSZH
Strength Member		Kevlar
Jacket	Material	LSZH
	Color	Black
Cable Weight	Approx.	47kg/km

#### Characteristics Mechanical and Environmental

Items	Unit	Value
Tensile (Long Term)	N	200
Tensile (Short Term)	N	400
Crush( Long Term)	N/10cm	1100
Crush (Short Term)	N/10cm	2200
Bend Radius (Dynamic)	mm	20D
Bend Radius (Static)	mm	10D
Installation temperature	°C	-20~+60
Operation temperature	°C	-30~+70
Storage temperature	°C	-30~+70

#### Specification

End face type	UPC
Fiber type	G657A1
Cable Diameter	5.0mm
Insertion loss	≤ 0.3 dB
Return loss	≥50dB
Attenuation at 1310nm	0.36 dB/km
Attenuation at 1550nm	0.22 dB/km
Tensile Strength	200/400N (Long/Short Term)
Crush Resistance	1100/2200N (Long/Short Term)
Working Temperature	-40 ~ +70°C
Storage Temperature	-40 ~ +70°C

Operating Temperature	-10 ~ +50°C
Length	Customized



## FAQ

Q1: What is the warranty of FiberMania's fiber patch cord?

A: FiberMania warrants that all fiber patch cords supplied are free from defects in material and workmanship for a period of five (5) years from the date of supply. All fiber optic bulk cables are UL profiled and every single cable is 100% tested.

Q2: Is it possible to customize our brand information on your fiber cable?

A: Yes, we can print your brand name onto our cable jacket and 1KM total cable length is requested.

Q3: Can you do 3D interferometer test?

A: Yes, we do the 3D test per our customer's request, we can have the pass rate over 90% and even 100% if necessary.

Q4: What is your MOQ of your products?

A: We only have MOQ for some special customized cable order, we request 1km as the total length of the bulk cable, you may consider stock the bulk cable with us for your urgent order production.

Q5: Are free samples available from you?

A: Yes, we are always happy to offer the free samples for all of our customers' projects provided that the total cost is under 50 US dollars.

Q6: Do you accept OEM and ODM orders?

A: Absolutely yes, we have been doing OEM services since we start in this business, and for every single label, printing, bag and carton design, we always treat it seriously and do it nicely. Our engineers can help you with your current design and even can open the new tooling for your specific project.



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