

FTTA Outdoor Armored Fiber Patch Cable LC/UPC-LC/UPC 2 Cores OS2 LSZH Patch Cord

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: LCLC-SM027LBK
- 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

- Name: Outdoor Armored Fiber Patch Cable
- Connector Type: LC To LC
- Polish Type: UPC To UPC
- Fiber Grade: Corning G.657.A1
- Fiber Count: Duplex
- Cable (OD): 7.0mm
- Cable Breakout (OD): 3.0mm
- Breakout Length: 300mm
- Cable Jacket: Low Smoke Zero Halogen (LSZH)
- Highlight: **FTTA Armored Fiber Patch Cable, Outdoor Armored Fiber Patch Cable, OS2 LSZH Patch Cord**



More Images



Product Description

FTTA Outdoor Armored LC/UPC-LC/UPC 2 Cores OS2 LSZH Base Station Patch Cord

FTTA patch cable is designed for high reliability in heavy industrial and harsh environment applications, including fiber to the antenna solution. Consisting of Corning fiber cable and LC UPC duplex connectors, the cable features superior crush resistance and a high degree of flexibility with the armored tube. Furthermore, the cable features a flame retardant LSZH jacket which is UV stabilized and highly resistant to chemicals commonly found in industrial environments, also suitable for both indoor and outdoor industrial installations.

Features

1. Easily add/install jumper cables for a future expansion
2. Factory-assembled cables for a fast on-site installation
3. IP67 IP68 water and dust protection
4. Flexibility with small bending radius and excellent cable routing properties
5. Equipped with customer specific power and fiber-optic connectors
6. Standard Duplex LC connector, well connected with standard LC adaptor
7. -40°C~85°C operating temperature
8. 445N (100 lbs) cable retention
9. Accepts 4.6mm to 7.0mm cable diameters

Application

1. Multi-purpose Outdoor
2. For connection between distribution box and RRH
3. Deployment in Remote Radio Head cell tower applications

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
		1300nm	dB/km
		1310nm	dB/km
		1550nm	dB/km

Cable Parameters

Items	Value
Fiber Count	2 or 4
Buffer	Diameter
	0.85mm±0.05mm
	Material
	LSZH
Simpelx Cable	Diameter
	3.0mm±0.1mm
	Material
	LSZH
Filler	Diameter
	3.0mm±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	SM (G652D,G657A1,G657A2)
Cable Diameter	7.0mm
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)
Operating Temperature	-20°C~70°C
Storage Temperature	-40°C~80°C

Outer Sheath Material	LSZH
Bending radius (Static/Dynamic)	10D/20D
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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