

ODVA MPO To ODVA MPO FTTA Solutions 12 Cores 9/125 OS2 Armored Fiber Patch Cord LSZH Jacket

Our Product Introduction

for more products please visit us on optical-fibercables.com

Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: FIBERMANIA
- Certification: RoHS, CE, ISO9001, VDE, CCC
- Model Number: OVMPO-ASM125LBK
- 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: Armored Fiber Patch Cord
- Connector Type: ODVA To ODVA
- Polish Type: PC To PC
- Fiber Grade: Corning G657A1
- Fiber Count: 12 Fibers
- Cable (OD): 5.0mm
- Cable Jacket: TPU
- Jacket Color: Black
- Application: Outdoor Or FTTH
- Highlight: **FTTH Solutions 12 Cores , OS2 Armored Fiber Patch Cord, Armored Fiber Patch Cord LSZH Jacket**



More Images



Product Description

ODVA MPO to ODVA MPO 12 Cores 9/125 OS2 Armored Fiber Patch Cord LSZH Jacket

FiberMania ODVA Series waterproof connectors are ideal for applications in harsh environments such as WiMax, LTE, and FTTH, which requires robust connectors and cable assemblies for outdoor use. These compact designed connectors meet IP67 sealing ratings and they can provide customers with design flexibility and ensures that FTTH systems meet telecommunications industry standards and demanding environmental requirements.

Features of 12 core single mode fiber optic cable

1. Easy connection to hardened adapters on terminals or closures
2. Reduce welding, and connect directly to achieve interconnection
3. IP67 water and dust protection
4. Wide range of operational temperature for outside plant -40°C/70°C
5. Compatible with a wide range of 4.8-7mm OD cables
6. ODVA Compatible
7. Tensile data: Between junction and fiber cable $\geq 180\text{N}$
8. Outer shell inflaming retarding: UL 94V-0
9. RoHS compliant

Application of 12 core single mode fiber optic cable

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 of 12 core single mode fiber optic cable

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 \pm 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 \pm 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 \pm 0.05mm
Simpelx Cable	Material
	LSZH
Filler	Diameter
	2.0mm \pm 0.1mm
Strength Member	Material
	LSZH
Jacket	Diameter
	2.0mm \pm 0.1mm
Cable Weight	Material
	LSZH
	Color
	Black
	Approx.
	47kg/km

Characteristics Mechanical and Environmental

Items	Unite	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	≥ 50 dB
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.



FIBERMANIA Shenzhen FiberMania Technology Co., Ltd.



17704025189



sales@fiber-mania.com



optical-fibercables.com

3F, Building A2, Yinlong Industrial Park, Longdong, Longgang District, Shenzhen, China, 518116