

# PATCH CORD&PIGTAIL

POLARITY SWITCHABLE LC UNIBOOT SM 4.5MM OD CABLE ASSEMBLIES



## Description

The LC **Uniboot cable assemblies** utilizes a special “round duplex” cable that allows duplex transmission within a 4.5mm OD Uni-tube cable, At the same time, The Polarity Switchable LC connector with 5.0mm boot is assembled on the cable.

OMC's LC uniboot fiber cable assemblies offers a Polarity Switchable LC in the Data center and ODN project. The **4.5mm OD big indoor cable** keeps a strong tensile and good protection for fibers in it.

OMC's LC Uniboot cable assemblies offer the best solution for high-density applications, data centers, interconnect and cross connector, private networks and premise installations.



## Optical Specifications

Fiber Connector	Uniboot LC 5.0mm boot	Fiber Type	SM:Yellow/Blue/White; OM1&OM2: Orange; OM3:Aqua; OM4:Aqua/Violet/ Magenta
Cable OD&Jacket	4.5mm LSZH( CPR Certificated)	Fiber Counts	2 Fibers
Insertion Loss	$\leq 0.3\text{dB}$ (IEC Grade C) $\leq 0.12\text{dB}$ (IEC Grade B)	Return Loss	SM UPC $\geq 50\text{dB}(\text{min})$ SM APC $\geq 60\text{dB}(\text{min})$ MM PC $\geq 35\text{dB}(\text{min})$
Pull-out Force	100N	Durability	500 Cycles
AB Polarity Switchable	Available	Operating Temperature	-40 to + 85°C

## LC Uniboot Connector with 5.0mm Boot



Polarity Switchable uniboot LC connector with **Chinese independent intellectual property rights**. Meet and Compatible with many International Standard LC: TIA/EIA, FOCIS10, GR-326 EIA/TIA-604-10, IEC61754-20 and JIS C5973.

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## LC Ferrule

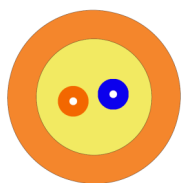


Perfect match with Standard LC ferrule, No need to develop special LC ferrule flange, Save cost

High quality SM Ceramic ferrule, Good concentricity<0.5um

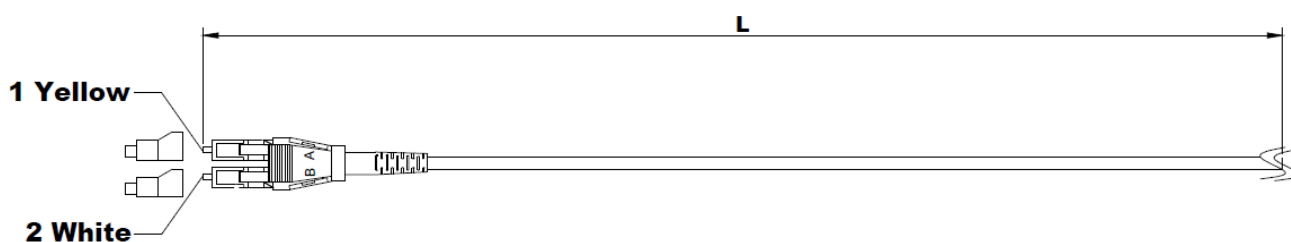
High quality MM Ceramic ferrule, Good concentricity<4.0um

## 4.5mm OD Cable



G652D, G657A1, G657A2/B2, G657B3, OM1, OM2, OM3, OM4, OM5 Fibers  
4.5mm OD Uni-tube cable; PVC (Riser/OFNR), LSZH, Plenum (OFNP) Jacket materials. **UL or CPR Certified**

## Length Tolerance



Overall Length(L)(m)	length of tolerance(cm)
$0 < L < 1$	+5/-0
$1 < L < 10$	+10/-0
$10 < L < 40$	+15/-0
$40 < L$	+0.5% x L/-0

## Package

This easily taken and well-protected fiber patch cable package has been labelled and marked by OMC as de-fault .Standard carton size : 34\*22\*15 cm; 44\*34\*24 cm ; 54\*39\*34 cm . Which carton to be used depends on goods Qty . Packing can be customized.



1, Self-seal PE Bag



2 Bubble Bag



3, Paper Carton



4, fumig -free Pallet