

# LC Slimpac Uniboot Connectors

CORNING

## Features and Benefits

- Uniboot with a Single Housing
- Unique Push-Pull Design and Function
- Easy to Assemble and Use
- Low Insertion Loss and Back Reflection
- A Variety of LC Slimpac Uniboot Connectors
- High Repeatability and Reliability

The Slimpac Uniboot Series of LC connectors offers great performance with high repeatability and low insertion loss: Slimpac2 with standard duplex function, Slimpac3 with reconfigurable capability to switch polarity, and Slimpac3 Push-Pull with both reconfigurable capability and push-pull function especially designed for high-density applications. With tightly toleranced ceramic ferrules to ensure consistent low loss and ease of termination, these uniboot connectors are fully intermateable with standard LC-licensed products. By using cable assemblies with LC Slimpac Uniboot connectors, half of the space can be saved over traditional duplex cable.

## Standards

<b>RoHS</b>	Free of hazardous substances according to RoHS2011/65/EU
<b>Design and Test Criteria</b>	Complies with TIA-604-10 and IEC 61754-20
	Product is qualified to Telcorcia GR-326-CORE



Slimpac3 Push-Pull, Slimpac2, and Slimpac3 (left to right)

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## Specifications

Parameter	Multimode	Singlemode
Insertion Loss	0.2 dB Typical	0.15 dB Typical
Back Reflection	-25 dB Typical	-55 dB Ultra PC
Connection Durability	500 Matings	500 Matings
Connector Repeatability	$\Delta$ IL < 0.2 dB	$\Delta$ IL < 0.1 dB
Operating Environment	-40°C to +85°C	-40°C to +85°C
Temperature Cycling	$\Delta$ IL < 0.2 dB	$\Delta$ IL < 0.2 dB
Vibration	$\Delta$ IL < 0.2 dB	$\Delta$ IL < 0.2 dB
Cable Retention	> 15 Lbs.	> 15 Lbs.

## Ordering Information

### LC Slimpac Uniboot Connectors

7 2 1 -       0 -     8 0 B

1
2
3
4
5

#### 1 Select Ferrule Type

- 1: SM 125  $\mu$ m
- 2: SM 126  $\mu$ m
- 3: MM 127  $\mu$ m
- 4: APC 125  $\mu$ m (PreAngled)
- 5: APC 126  $\mu$ m (PreAngled)
- 6: SM 125.5  $\mu$ m

#### 2 Select Body Type

- 7: Slimpac2
- J: Slimpac3
- P: Slimpac3 Push-Pull

#### 3 Select Boot Type

- 9: 2.0 mm
- 7: 2.4 mm
- 3: 3.0 mm

#### 4 Select Housing Color

- 3: APC: Green
- 5: SM: Blue
- 7: MM: Beige
- A: MM: Aqua

#### 5 Select Boot Color

- 3: APC: Green
- 8: SM/MM: White

#### Color Chart

- 0: Translucent (Cap Only)
- 1: Black 2: Yellow
- 3: Green 4: Red
- 5: Blue 6: Orange
- 7: Beige 8: White
- A: Aqua

#### Notes:

\*All Parts are sold in units of 100

\*\*Refer to color chart for additional non-standard boot and housing colors

\*\*\*Non-standard color requires special order

**These part numbers are specific to Corning Optical Communications OEM Solutions Business Unit. Please contact OEM sales at +1-408-736-6900 or [oesales@corning.com](mailto:oesales@corning.com) and visit [www.corning.com/opcomm/oem](http://www.corning.com/opcomm/oem) for sales support.**



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