

LC Slimpac Uniboot Connectors



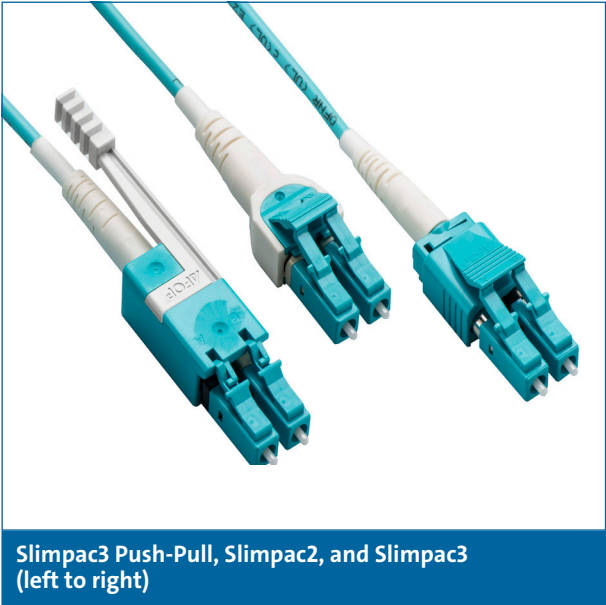
Features and Benefits

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

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



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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 μ m
- 2: SM 126 μ m
- 3: MM 127 μ m
- 4: APC 125 μ m (PreAngled)
- 5: APC 126 μ m (PreAngled)
- 6: SM 125.5 μ 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 oemsales@corning.com and visit www.corning.com/opcomm/oem for sales support.



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