

# RFP LC Uniboot to RFP LC Uniboot Patch cord, 2 fibres, Interconnect tight-buffered cable, LSZH

50 µm ClearCurve® multimode OM3, Low-Loss, 10 m

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Pretium EDGE® Solutions jumpers are integrated reverse-polarity uniboot duplex assemblies that meet the high-density space requirements of the MDA and EDA and provide a 50-percent reduction in bulk cabling when compared to traditional duplex jumpers. The highly flexible, 2-fibre interconnect cable reduces cable congestion, improves jumper management and routing and improves air circulation.

## Features and Benefits

Slim round 2-fibre interconnect cable, uniboot style duplex connectors

**Improve handling in high-density applications**

Low loss connectivity

**Enables system design flexibility**

High Performance by bend-insensitive ClearCurve Multimode or SMF-28 XB Single-mode fibers

**Designed to withstand tight bends and challenging cable routes**

LC-Duplex Uniboot Connector Design with changeable Polarity option

Interchangeable Triggers available in 10 different colours



Part Number: E797902TNZ20010M

## Standards

**Intermateability** TIA/EIA-6 4-10A604-10 / IEC 61754-20

## Specifications

General Specifications	
Flame Rating	LSZH/FRNC
Cable Assembly Type	Two Fibre
Fibre Category	50 µm MM (OM3)

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## Temperature Range

Operation	-20 °C to 60 °C
Installation and assembly	-5 °C to 50 °C
Storage	-25 °C to 70 °C

## Design - Connector A

Connector Type	LC Uniboot
Ferrule	Ceramic
Polish	PC
Housing Material	Composite
Housing Colour	Black
Boot Type	uniboot
Boot Colour	Turquoise
Keyed (security)	No

## Mechanical Specifications - Connector A

Durability	≤ 0.2 dB 500 rematings, FOTP-21
Tensile strength jacketed cable	44 N

## Optical Specifications - Connector A

Insertion Loss, Typical	0.1 dB
Insertion loss, max.	0.15 dB

## Design - Connector B

Connector Type	LC Uniboot
Ferrule	Ceramic
Polish	PC
Housing Material	Composite
Housing Colour	Black
Boot Type	uniboot
Boot Colour	Turquoise
Keyed (security)	No

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## Mechanical Specifications - Connector B

Durability	≤ 0.2 dB 500 rematings, FOTP-21
Tensile strength jacketed cable	44 N

## Optical Specifications - Connector B

Insertion Loss, Typical	0.1 dB
Insertion loss, max.	0.15 dB

## Cable Design

Fibre Count	2
Outer diameter	2 mm
Outer jacket colour	Turquoise
Outer jacket material	LSZH/FRNC
Minimum Bend Radius	10 mm
Crush Resistance (reversible)	1000 N/10cm
Tensile strength	150 N

## Chemical characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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## Fibre Specifications

Optical Characteristics (cabled)	
Fibre Name	G50/125 ULTRA-BEND 7.5
Fibre Type	Multimode
Fibre Core Diameter	50 µm
Fibre Category	OM3
Wavelengths	850 nm / 1300 nm
Maximum Attenuation	2.8 dB/km / 1 dB/km
Typical attenuation	2.4 dB/km / 0.8 dB/km
Min. Overfilled Launch (OFL) Bandwidth	1500 MHz*km / 500 MHz*km
Minimum Effective Modal Bandwidth (EMB)	2000 MHz*km / -
Serial 1 Gigabit Ethernet	1000 m / 600 m
Serial 10 Gigabit Ethernet	300 m / 333 m
Induced attenuation @ 7.5 mm radius	< 0.2 dB / -
Standards in Compliance	TIA/EIA 492AAAC-A, Tested with minEMBc method to TIA/EIA 455-220, IEC 60793-2-10 Type A1a.2 Ed.2.0 and IEC 60793-1-49 Ed.2.0, ITU-T G651, ISO/IEC 11801 Cat. OM3
Fibre Code	H

- Notes:
- 1) 50 µm multimode fibre macrobend loss  $\leq 0.2$  dB at 850 nm for two turns around 7.5 mm radius mandrel
  - 2) Meets 0.75 ns optical skew when used in all Corning Cable Systems Plug & Play™/Pretium EDGE® Systems Solutions.
  - 3) Improved attenuation and bandwidth options available
  - 4) Bend-insensitive single-mode fibres available on request
  - 5) Contact a Corning Cable Systems Customer Care Representative for additional information

## Ordering Information

Part Number	E797902TNZ20010M
Product Description	Pretium EDGE® Solutions Low-loss Patchcord, LC duplex uniboot connectors, ClearCurve® Multimode 50/125 µm OM3 Pretium 300 fibres, standard reverse fiber polarity, LSZH/FRNC jacket, aqua, 10 m
Length	10 m
Weight	0.047 kg

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The CORNING logo is displayed in white, uppercase letters within a solid blue square.

## Shipping Information

Packing type	Cardboard box
Packing dimensions (L x W x H)	380 mm x 250 mm x 180 mm
Units per Delivery	1/1



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