

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

50 µm ClearCurve® multimode OM3, Low-Loss, 1 m

CORNING

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



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)

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

50 µm ClearCurve® multimode OM3, Low-Loss, 1 m

CORNING

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

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

50 µm ClearCurve® multimode OM3, Low-Loss, 1 m

CORNING

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
------	---

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

50 µm ClearCurve® multimode OM3, Low-Loss, 1 m

CORNING

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 ≤ 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	E797902TNZ20001M
Product Description	Pretium EDGE® Solutions Low-loss Patchcord, LC duplex uniboot connectors, ClearCurve® Multimode 50/125 µm OM3 Pretium 300 fibres, standard reverse fibre polarity, LSZH/FRNC jacket, aqua, 1 m
Length	1 m
Weight	0.0101 kg

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

50 µm ClearCurve® multimode OM3, Low-Loss, 1 m

CORNING

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



Corning Cable Systems GmbH & Co. KG · Leipziger Strasse 121 · 10117 Berlin, Germany

TEL: 00800-2676-4641 (00800-CORNING1) · FAX: +49-30-5303-2335 · www.corning.com/cablesystems/emea

A complete listing of the trademarks of Corning Cable Systems is available at www.corning.com/cablesystems/emea/trademarks. Corning Cable Systems is ISO 9001 certified. © 2013 Corning Cable Systems. All rights reserved.