

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

50 µm ClearCurve® multimode OM4, Low-Loss, 8 m

CORNING

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® Ultra single-mode fibres

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 (OM4)

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

50 µm ClearCurve® multimode OM4, Low-Loss, 8 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 Material	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 Material	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 OM4, Low-Loss, 8 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/10 cm
Tensile strength	150 N

Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
------	---

Fibre Specifications

Optical Characteristics (cabled)

Fibre name	G50/125 ULTRA-BEND 7.5
Fibre core diameter	50 µm
Fibre Category	OM4
Fibre code	T
Wavelengths	850 nm / 1300 nm
Maximum attenuation	2.8 dB/km / 1.0 dB/km
Typical attenuation	2.4 dB/km / 0.8 dB/km

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

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

50 µm ClearCurve® multimode OM4, Low-Loss, 8 m

CORNING

Fibre Specifications

Optical Characteristics (cabled)	
Serial 1 gigabit ethernet	1100 m / 600 m
Serial 10 gigabit ethernet	550 m / -
Min. overfilled launch (OFL) bandwidth	3500 MHz*km / 500 MHz*km
Minimum effective modal bandwidth (EMB)	4700 MHz*km / -
Induced attenuation @ 7.5 mm radius	< 0.2 dB / -

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

Ordering Information

Part Number	E797902QNZ20008M
Product Description	EDGE™ Solutions Low-loss Patchcord, LC duplex uniboot connectors, ClearCurve® Multimode 50/125 µm OM4 Pretium 550 fibres, standard reverse fibre polarity, LSZH/FRNC jacket, aqua, 8 m
EAN Code	4056418684970
Length	8 m
Weight	0.0388 kg

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 Optical Communications GmbH & Co. KG · Leipziger Strasse 121 · 10117 Berlin, GERMANY
00 800 2676 4641 · FAX: +49 30 5303 2335 · www.corning.com/opcomm/emea

A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/emea/trademarks. Corning Optical Communications is ISO 9001 and ISO 14001 certified. © 2016 Corning Optical Communications. All rights reserved.