

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

50 µm ClearCurve® multimode OM4, Low-Loss, 2 m

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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)
Product category	Core product / Fastship

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Temperature Range

Operation	-10 °C to 60 °C
Installation and assembly	-5 °C to 50 °C
Storage	-10 °C to 60 °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, change ≤ 0.2 dB, FOTP-6

Optical Specifications - Connector A

Insertion loss, typical	0.1 dB
Insertion loss, max.	0.15 dB
Reflectance, typical	> 26 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

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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
Reflectance, typical	> 26 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

Mechanical Characteristics Cable

Nominal Outer Diameter	2.0 mm
Fire Load	0.3 MJ/m
Min. Bend Radius Installation	20 mm
Min. Bend Radius Operation	10 mm

Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Fibre Specifications

Optical Characteristics (cabled)	
Fibre name	G50/125 ULTRA-BEND 7.5
Fibre code	T
Fibre core diameter	50 µm
Fibre Category	OM4
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
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	E797902QNZ20002M
Product Description	EDGE™ Solutions Low-loss Patchcord, LC duplex uniboot connectors, ClearCurve® Multimode 50/125 µm OM4 Pretium 550 fibers, standard reverse fibre polarity, LSZH/FRNC jacket, aqua, 2 m
EAN Code	4042673339410
Length	2 m
Weight	0.0142 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

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The Corning logo consists of a solid blue square with the word "CORNING" in white, uppercase, sans-serif font centered within it.

Notes



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