

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

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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 (OM3)
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

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

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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/10 cm
Tensile strength	150 N

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	OM3
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	1000 m / 600 m
Serial 10 gigabit ethernet	300 m / 333 m
Min. overfilled launch (OFL) bandwidth	1500 MHz*km / 500 MHz*km

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Fibre Specifications

Optical Characteristics (cabled)	
Serial 10 gigabit ethernet	300 m / 333 m
Min. overfilled launch (OFL) bandwidth	1500 MHz*km / 500 MHz*km
Minimum effective modal bandwidth (EMB)	2000 MHz*km / -
Induced attenuation @ 7.5 mm radius	< 0.2 dB / -

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 Plug and Play™/EDGE™ systems solutions.
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	E797902TNZ20001M
Product Description	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
EAN Code	4042673339540
Length	1 m
Weight	0.0101 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

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