

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

50 µm ClearCurve® multimode OM3, Low-Loss, 5 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)

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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 ≤ 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	E797902TNZ20005M
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, 5 m
Length	5 m
Weight	0.0265 kg

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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

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