

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

Single-mode OS2 XB, Low-Loss, 2 m

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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	Bend-improved SM (OS2)

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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	UPC
Housing Material	Composite
Housing Colour	Blue
Boot Type	uniboot
Boot Colour	Blue
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
Reflectance, typical	≤ -58 dB

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Design - Connector B

Connector Type	LC Uniboot
Ferrule	Ceramic
Polish	UPC
Housing Material	Composite
Housing Colour	Blue
Boot Type	uniboot
Boot Colour	Blue
Keyed (security)	No

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	≤ -58 dB

Cable Design

Fibre Count	2
Outer diameter	2 mm
Outer jacket colour	Yellow
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	E9/125 ClearCurve® XB
Fibre Type	Single-mode
Fibre Core Diameter	9 µm
Fibre Category	OS2 Bend-Improved
Wavelengths	1310 nm / 1383 nm / 1550 nm
Maximum Attenuation	0.38 dB/km / 0.38 dB/km / 0.25 dB/km
Serial 1 Gigabit Ethernet	5000 m / - / -
Serial 10 Gigabit Ethernet	10000 m / - / 40000 m
Cable cutoff wavelength	1260 nm
Standards in Compliance	TIA/EIA 492-CAAB, IEC 60793-2-50 Type B1.3, ITU-T G.652 D, ISO/IEC 11801 Cat. OS2
Fibre Code	N

Notes: 1) Meets 0.75 ns optical skew when used in all Corning Cable Systems Plug & Play™/Pretium EDGE® Systems Solutions.
2) Improved attenuation and bandwidth options available
3) Other bend-insensitive single-mode fibres available on request.
4) Contact a Corning Cable Systems Customer Care Representative for additional information

Ordering Information

Part Number	E787802GNZ20002M
Product Description	Pretium EDGE® Solutions Low-loss Patchcord, LC duplex uniboot connectors, ClearCurve® Single-mode 9/125 µm SMF 28e XB OS2, standard reverse fibre polarity, LSZH/FRNC jacket, yellow, 2 m
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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