

# EDGE™ 2.0mm Patch Cord, 2 fibres, Interconnect tight-buffered cable 50 µm ClearCurve® multimode OM4, Low-Loss, 6 m

CORNING

**Part Number:**  
**E797902QNZ20006M**

EDGE™ patch cords 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 patch cords. The highly flexible, 2-fiber interconnect cable reduces cable congestion, improves patch cord management and routing and improves air circulation.

## Features and Benefits

### State-Of-The-Art Manufacturing Processes

Corning proprietary manufacturing processes and advanced technology result in unsurpassed product consistency

### Global operations

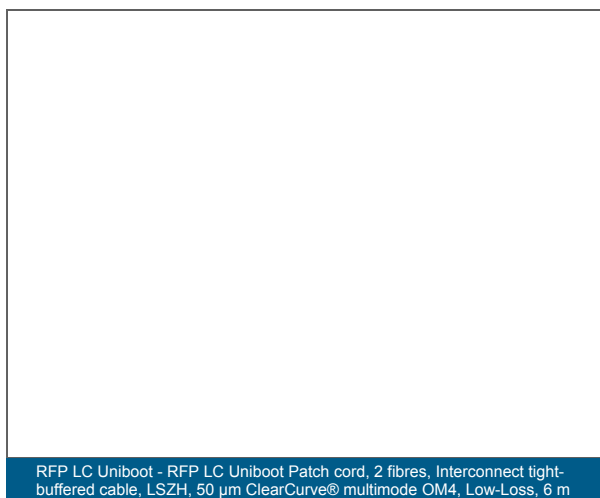
Worldwide manufacturing facilities and end-to-end vertical integration across the entire process ensure reliable supply and mitigate trade barriers or supply disruptions

### Flexible design options

Choice of materials for strength elements and fibre properties dependent on application requirements

### Superior Performance Testing

Every termination is tested to ensure the highest in network performance



RFP LC Uniboot - RFP LC Uniboot Patch cord, 2 fibres, Interconnect tight-buffered cable, LSZH, 50 µm ClearCurve® multimode OM4, Low-Loss, 6 m

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## Specifications

General Specifications	
Flame rating	LSZH/FRNC
Fibre category	50 µm MM (OM4)
Cable assembly type	Two fibre
Cable Type	Tight-buffered

Standards	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU

Environmental Conditions	
Temperature range, installation	-5 °C to 50 °C
Temperature range, operation	-10 °C to 60 °C
Temperature range, storage	-10 °C to 60 °C

Design	
Fibre count	2
Outer jacket material	LSZH/FRNC
Outer jacket colour	Turquoise

Mechanical Characteristics	
Fire load	0.3 MJ/m
Minimum bend radius	10 mm
Tensile strength	150 N
Crush resistance	1000 N/10 cm

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Optical Characteristics	
Fibre code	T
Fibre name	G50/125 ULTRA-BEND 7.5
Fibre Type	Multimode
Fibre core diameter	50 µm
Minimum effective modal bandwidth (EMB)	4700 MHz*km / -
Maximum Attenuation	2.8 dB/km / 1.0 dB/km
Min. overfilled launch (OFL) bandwidth	3500 MHz*km / 500 MHz*km
Serial 1 gigabit ethernet	1100 MHz*km / 600 MHz*km
Serial 10 gigabit ethernet	550 MHz*km / -
Typical attenuation	2.4 dB/km / 0.8 dB/km
Wavelengths	850 nm / 1300 nm
Induced Attenuation	For 7.5 mm radius < 0.2 db / -
Fibre category	OM4

Specifications - Connector A	
Polish	PC
Insertion loss, typical	0.1 dB
Insertion loss, max.	0.15 dB
Tensile strength jacketed cable	44 N
Durability	≤ 0.2 dB change, 500 rematings, FOTP-21
Keyed (security)	No
Boot colour	Turquoise
Connector type	LC Uniboot
Ferrule material	Ceramic
Housing colour	Black
Housing material	Composite
Boot type	Uniboot

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## Specifications - Connector B

Polish	PC
Insertion loss, typical	0.1 dB
Insertion loss, max.	0.15 dB
Tensile strength jacketed cable	44 N
Durability	≤ 0.2 dB change, 500 rematings, FOTP-21
Keyed (security)	No
Boot colour	Turquoise
Connector type	LC Uniboot
Ferrule material	Ceramic
Housing colour	Black
Boot type	Uniboot

## Dimensions

Outer diameter	2 mm
Weight	0.03 kg

## Ordering Information

Product Number	E797902QNZ20006M
EAN Code	4056418012179
Packaging method	Cardboard box
Units per delivery	1/1
Shipping Height	180 mm
Shipping Width	250 mm
Shipping Depth	380 mm



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