

EDGE™ 2.0mm Patch Cord, 2 fibres, Interconnect tight-buffered cable 50 µm ClearCurve® multimode OM3, Low-Loss, 7 m

CORNING

Part Number:
E797902TNZ20007M

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

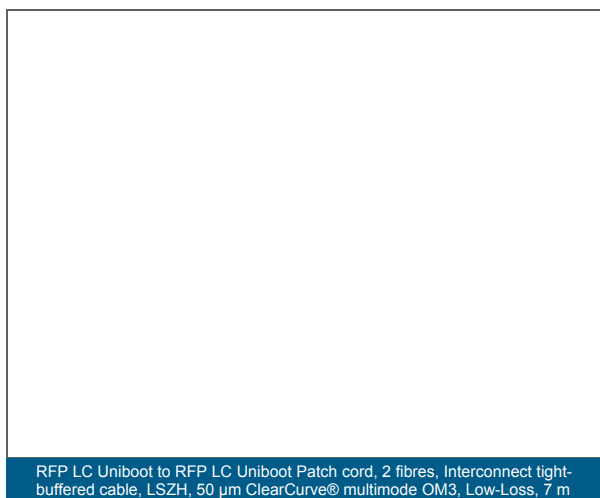
Worldwide manufacturing facilities and end-to-end vertical integration across the entire process ensure reliable supply and mitigate trade barriers or supply disruptions

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



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Specifications

General Specifications	
Flame rating	LSZH/FRNC
Fibre category	50 µm MM (OM3)
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)	2000 MHz*km / -
Maximum Attenuation	2.8 dB/km / 1.0 dB/km
Min. overfilled launch (OFL) bandwidth	1500 MHz*km / 500 MHz*km
Serial 1 gigabit ethernet	1100 MHz*km / 600 MHz*km
Serial 10 gigabit ethernet	300 MHz*km/ 333 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	OM3

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	E797902TNZ20007M
EAN Code	4042673339588
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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