

RFP LC Uniboot to RFP LC Uniboot Patch cord, 2 F, Interconnect Tight-Buffered Cable, LSZH SMF-28® Ultra Single-mode (OS2), Low-Loss, 2 m

CORNING

Part Number:
E787802GNZ20002M

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-fiber interconnect cable reduces cable congestion, improves jumper 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

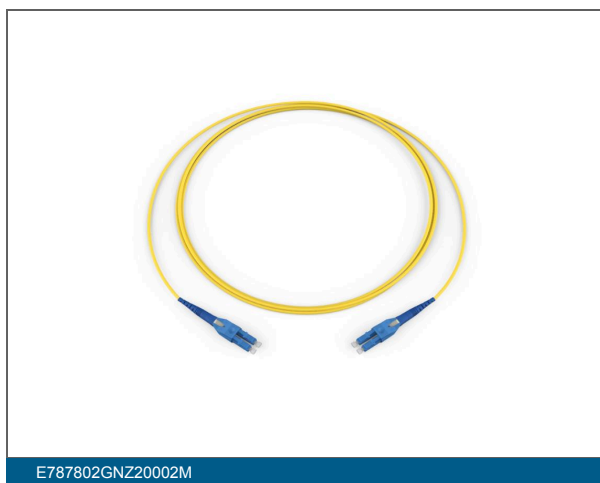
Worldwide manufacturing facilities and end-to-end vertical integration across the entire process ensure reliable supply and mitigate trade barriers or supply

Flexible design options

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

Superior Performance Testing

Every termination is tested to ensure the highest in network performance



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Specifications

Environmental Conditions

Temperature Range, Storage	-10 °C to 60 °C
Temperature Range, Installation	-5 °C to 50 °C
Temperature Range, Operation	-10 °C to 60 °C

Mechanical Specifications

Fire Load	0.3 MJ/m
Minimum Bend Radius	10 mm
Tensile Strength	150 N
Crush Resistance	1000 N/10 cm

Dimensions

Length	2 m
Outer Diameter	2 mm

Specifications - Connector B

Reflectance, Typical	≤ -58 dB
Polish	UPC
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 Color	Blue
Connector Type	LC Uniboot
Ferrule Material	Ceramic
Housing Color	Blue

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Specifications - Connector B

Housing Material	Composite
Boot Type	Uniboot
Insertion Loss, Typical	0.1 dB

Specifications - Connector A

Reflectance, Typical	≤ -58 dB
Polish	UPC
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 Color	Blue
Connector Type	LC Uniboot
Ferrule Material	Ceramic
Housing Color	Blue
Housing Material	Composite
Boot Type	Uniboot
Insertion Loss, Typical	0.1 dB

General Specifications

Product Category	Core Product / Fastship
Cable Type	Tight-Buffered
Flame Rating	LSZH™/FRNC
Cable Assembly Type	Two Fiber

Design

Fiber Count	2
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Design

Outer Jacket Material	LSZH™/FRNC
Outer Jacket Color	Yellow

Shipping Dimensions

Height	180 mm
Width	250 mm
Depth	380 mm

Ordering Information

Packing Type	Cardboard box
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Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Optical Characteristics

Cable cutoff wavelength	1260 nm
Fiber Code	Z
Fiber Name	SMF-28® Ultra TB Cable Optical Fiber
Fiber Type	Single-mode
Fiber Compliance	ITU-T G.652.D and ITU-T G.657.A1
Cladding diameter	125 µm
Dispersion @ 1550 nm	18 nm
Dispersion in the range 1285 to 1330 nm	3.5 nm
Maximum Attenuation	0.38 dB/km / 0.38 dB/km / 0.25 dB/km
Mode-Field Diameter at 1310 nm	9.2 µm
Serial 1 Gigabit Ethernet	5000 MHz*km / - / -

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Optical Characteristics	
Serial 10 Gigabit Ethernet	10000 MHz*km / 40000 MHz*km
Wavelengths	1310 nm / 1383 nm / 1550 nm
PMD Link Design Value	0.04 ps/(nm*km)
PMD maximum individual fiber	0.1 ps/(nm*km)
Coating diameter	242 µm



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