

RFP LC Uniboot to RFP LC Uniboot Patch cord, 2 F, Interconnect Tight-Buffered Cable, LSZH SMF-28® Ultra Single-mode (OS2), Low-Loss, 6 m

The CORNING logo is displayed in white, uppercase letters within a solid blue square.

**Part Number:
E787802GNZ20006M**

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.

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Specifications

Environmental Conditions

Temperature Range, Storage	-10 °C - 60 °C (14 °F - 140 °F)
Temperature Range, Installation	-5 °C - 50 °C (23 °F - 122 °F)
Temperature Range, Operation	-10 °C - 60 °C (14 °F - 140 °F)

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

Dimensions

Length	6 m
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Dimensions

Outer Diameter	2 mm
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Mechanical Specifications

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

Design

Fiber Count	2
Outer Jacket Material	LSZH™/FRNC
Outer Jacket Color	Yellow

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

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Specifications - Connector A

Ferrule Material	Ceramic
Housing Color	Blue
Housing Material	Composite
Boot Type	Uniboot
Insertion Loss, Typical	0.1 dB

General Specifications

Cable Type	Tight-Buffered
Flame Rating	LSZH™ /FRNC
Cable Assembly Type	Two Fiber

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 / - / -
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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