RFP LC Uniboot to RFP LC Uniboot Patch cord, 2 F, Interconnect Tight-Buffered Cable, LSZH SMF-28® Ultra Single-mode (OS2), Low-Loss, 3 m

CORNING

Part Number:
E787802GNZ20003M

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	3 m

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Dimensions	
Outer Diameter	2 mm

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

Product Category	Core Product / Fastship
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

Standards

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

RFP LC Uniboot to RFP LC Uniboot Patch cord, 2 F, Interconnect Tight-Buffered Cable, LSZH SMF-28® Ultra Single-mode (OS2), Low-Loss, 3 m

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

RoHS COMPLIANT

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