

EDGE™ 2.0mm Patch Cord, 2 fibres, Interconnect tight-buffered cable SMF-28® Ultra Single-mode (OS2), Low-Loss, 5 m

CORNING

Part Number:
E787802GNZ20005M

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

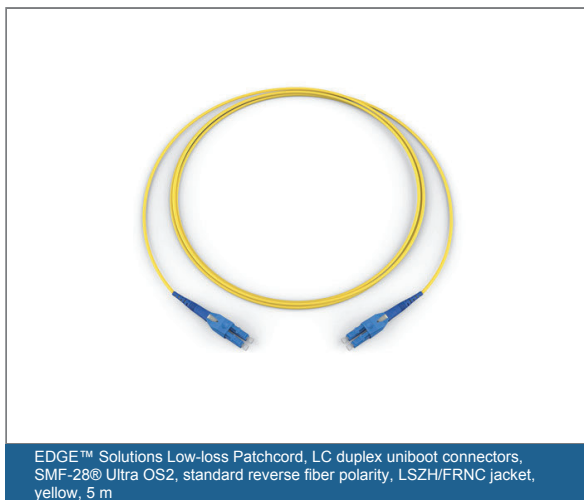
Worldwide manufacturing facilities and end-to-end vertical integration across the entire process ensure reliable supply and mitigate trade barriers or supply.

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

General Specifications

Flame Rating	LSZH/FRNC
Fiber Category	Bend-improved Single-Mode (OS2)
Product Category	Core Product / FastShip
Cable Assembly Type	Two Fiber
Cable Type	Tight-Buffered

Standards

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

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

Mechanical Specifications

Fire Load	0.3 MJ/m
Minimum Bend Radius	10 mm
Tensile Strength	150 N
Nominal Outer Diameter	3.3 mm
Crush Resistance	1000 N/10 cm

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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
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

Specifications - Connector A

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

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Specifications - Connector B

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

Dimensions

Length	5 m
Outer Diameter	2 mm
Weight	0.03 kg

Ordering Information

Product Number	E787802GNZ20005M
EAN Code	4042673630432
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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