

EDGE™ 2.0mm Patch Cord, 2 fibres, Interconnect tight-buffered cable LSZH, SMF-28® Ultra Single-mode OS2, Low-Loss, LC Uniboot - LC Uniboot, 0.5 m

CORNING

Part Number:
E787802GNZ20000.5M

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

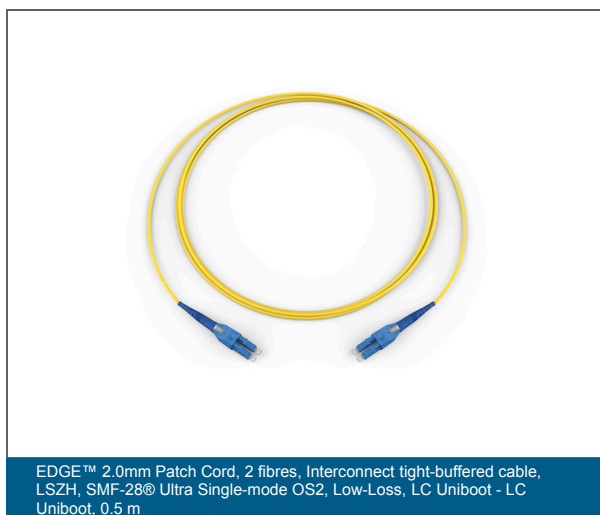
Worldwide manufacturing facilities and end-to-end vertical integration across the entire process ensure reliable supply and mitigate trade barriers or supply disruptions

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 | Bend-improved Single-Mode (OS2) |
| Product category | Core product / Fastship |
| 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 | Yellow |

| 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 | |
|-------------------------------------------------------------|--------------------------------------|
| Cable cutoff wavelength | 1260 nm |
| Fibre code | Z |
| Fibre name | SMF-28® Ultra TB Cable Optical Fibre |
| Fibre Type | Single-mode |
| Fibre 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 (Polarization Mode Dispersion) maximum individual fibre | ≤ 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 colour | Blue |
| Connector type | LC Uniboot |
| Ferrule material | Ceramic |
| Housing colour | 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 colour | Blue |
| Connector type | LC Uniboot |
| Ferrule material | Ceramic |
| Housing colour | Blue |
| Boot type | Uniboot |

| Dimensions | |
|----------------|---------|
| Length | 0.5 m |
| Outer diameter | 2 mm |
| Weight | 0.01 kg |

| Ordering Information | |
|----------------------|--------------------|
| Product Number | E787802GNZ20000.5M |
| EAN Code | 4042673326571 |
| 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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