

LC Uniboot to SC Duplex, 2 F, Interconnect Cable, Riser

FRNC, single-mode (OS2), 3 m

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Pretium 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-fibre interconnect cable reduces cable congestion, improves jumper management and routing and improves air circulation.

Enabled by Corning® ClearCurve® multimode optical fibre, Pretium EDGE® Solutions jumpers feature ultra-bendable performance and accommodate a minimum bend-radius of 10 mm with minimal bend-induced attenuation loss. With this bend performance, Pretium EDGE Solutions jumpers can greatly reduce outages and degradation in systems caused by severe bending problems.

Additional detailed furcation images are available in the Cable Assembly Family Specification Sheet.

Features and Benefits

Factory-terminated solutions

Provide consistent quality, ensure system performance and reduce installation time

Low insertion loss performance

Allows for more connections in a link when deploying a TIA-942-compliant system

Specifications

General Specifications	
Application	Data Centre, FRNC, General building applications
Cable Type	FRNC
Cable Assembly Type	Two Fibre
Fibre Category	50 µm MM (OM3)

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Design - Connector A

Connector Type	LC Uniboot
Ferrule	Ceramic
Housing material	Composite
Housing Colour	Black
Boot Colour	Turquoise

Design - Connector B

Connector Type	SC duplex
Ferrule	Ceramic
Housing material	Composite
Housing Colour	Black
Boot Colour	Turquoise

Cable Design

Fibre Count	2
Outer jacket colour	Turquoise

Mechanical Characteristics Cable

Nominal Outer Diameter	2 mm (0.08 in)
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Mechanical Characteristics - Furcation Leg

Minimum Bend Radius	10 mm
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Chemical characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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Fibre Specifications

Optical Characteristics (cabled)	
Fibre Name	E9/125 SMF28e+
Fibre Type	Single-mode
Fibre Core Diameter	8.2 µm
Fibre Category	OS2
Wavelengths	1310 nm / 1383 nm / 1550 nm
Maximum Attenuation	0.36 dB/km / 0.36 dB/km / 0.22 dB/km
Serial 1 Gigabit Ethernet	5000 m / - / -
Serial 10 Gigabit Ethernet	10000 m / - / 40000 m
Cable cutoff wavelength	1260 nm
Standards in Compliance	TIA/EIA 492-CAAB, IEC 60793-2-50 Type B1.3, ITU-T G.652 D, ISO/IEC 11801 Cat. OS2
Fibre Code	U

Notes: 1) Meets 0.75 ns optical skew when used in all Corning Cable Systems Plug & Play™/Pretium EDGE® Systems Solutions.
2) Improved attenuation and bandwidth options available
3) Bend-insensitive single-mode fibres available on request
4) Contact a Corning Cable Systems Customer Care Representative for additional information

Ordering Information

Part Number	727802GNZ20003M
Product Description	LC Uniboot to SC Duplex, 2 F, Interconnect Cable, Riser, FRNC, single-mode (OS2), 3 m
Length	3 m

Shipping Information

Units per Delivery	1/1
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