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

FRNC, 50 µm multimode (OM3), 1 m

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 flex-ible, 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 attenu-ation loss. With this bend performance, Pretium EDGE Solutions jumpers can greatly reduce outages and degra-dation 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)

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

FRNC, 50 µm multimode (OM3), 1 m

CORNING

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)

Mechanical Characteristics - Furcation Leg	
Minimum Bend Radius	10 mm

Chemical characteristics	
RoHS	Free of hazardous substances according to RoHS 2002/95/EG

CORNING

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

FRNC, 50 µm multimode (OM3), 1 m

CORNING

Fibre Specifications

Optical Characteristics (cabled)	
Fibre Name	G50/125 ULTRA-BEND 7.5
Fibre Type	Multimode
Fibre Core Diameter	50 µm
Fibre Category	OM3
Wavelengths	850 nm / 1300 nm
Maximum Attenuation	2.8 dB/km / 1 dB/km
Typical attenuation	2.4 dB/km / 0.8 dB/km
Min. Overfilled Launch (OFL) Bandwidth	1500 MHz*km / 500 MHz*km
Minimum Effective Modal Bandwidth (EMB)	2000 MHz*km / -
Serial 1 Gigabit Ethernet	1000 m / 600 m
Serial 10 Gigabit Ethernet	300 m / 333 m
Induced attenuation @ 7.5 mm radius	< 0.2 dB / -
Standards in Compliance	TIA/EIA 492AAAC-A, Tested with minEMBc method to TIA/EIA 455-220, IEC 60793-2-10 Type A1a.2 Ed.2.0 and IEC 60793-1-49 Ed.2.0, ITU-T G651, ISO/IEC 11801 Cat. OM3
Fibre Code	H

Notes:
1) *50 µm multimode fibre macrobend loss ≤ 0.2 dB at 850 nm for two turns around 7.5 mm radius mandrel*
2) Meets 0.75 ns optical skew when used in all Corning Cable Systems Plug & Play™/Pretium EDGE® Systems Solutions.
3) Improved attenuation and bandwidth options available
4) Bend-insensitive single-mode fibres available on request
5) Contact a Corning Cable Systems Customer Care Representative for additional information

Ordering Information

Part Number	577902TNZ20001M
Product Description	LC Uniboot to SC Duplex, 2 F, Interconnect Cable, Riser, FRNC, 50 µm multimode (OM3), 1 m
Length	1 m

Shipping Information

Units per Delivery	1/1

CORNING

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

FRNC, 50 µm multimode (OM3), 1 m

Notes

RoHS COMPLIANT

Corning Cable Systems GmbH & Co. KG · Leipziger Strasse 121 · 10117 Berlin, Germany
TEL: 00800-2676-4641 (00800-CORNING1) · FAX: +49-30-5303-2335 · www.corning.com/cablesystems/emea