

Pigtail SC, 900 µm LSZH TB

50 µm ClearCurve® multimode (OM3), 2 m

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Pigtails are used for non-permanent connections in patch panels, transmission equipment etc. Factory assembled pigtails allow for high quality termination of a network.

Features and Benefits

Tight buffer design:

V-G50 ClearCurve OM4 TB AQ (900 µm)

V-G50 ClearCurve OM3 TB AQ (900 µm)

V-G50 ClearCurve OM2 TB GN (900 µm)

V-G62.5L/125 TB BL (900 µm)

V-E9/125 TB YE (900 µm)

Low smoke (IEC 61034 and EN 50268) and zero halogen (LSZH)

Flame retardant (IEC 60332-3C and EN 50266-2-4) and non-corrosive (IEC 60754-2 and EN 50267) (FRNC)

Completely dry design (without gel)

Metal-free, hence no ground loop problems or potential equalisation problems

"TB" tight buffered fibres have a strip length of 1500 mm, which allows them to be quickly prepared for splicing within a protective splice box.

LC duplex connectors to TIA/EIA-604-10

Connectors are pre-radius polished



Part Number: 003901T4Z80002M

Standards

Intermateability

TIA/EIA-604-3

Specifications

General Specifications	
Flame rating	LSZH™/FRNC
Cable assembly type	Single Fibre
Fibre Category	50 µm MM (OM3)

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Temperature Range

Operation	-10 °C to 60 °C
Installation and assembly	-5 °C to 50 °C
Storage	-10 °C to 60 °C

Design - Connector A

Connector type	SC
Ferrule Material	Ceramic
Polish	PC
Housing material	Composite
Housing Colour	Black
Boot type	Individual
Boot colour	Turquoise
Keyed (security)	No

Mechanical Specifications - Connector A

Durability	≤ 0.2 dB 1000 rematings, FOTP-21
Tensile strength jacketed cable	4 N

Optical Specifications - Connector A

Insertion loss, typical	0.35 dB
Insertion loss, max.	0.5 dB

Cable Design

Fibre count	1
Outer diameter	0.9 mm
Outer jacket colour	Turquoise
Outer jacket material	LSZH™/FRNC
Minimum Bend Radius	10 mm

Chemical Characteristics

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

Optical Characteristics (cabled)	
Fibre name	G50/125 ULTRA-BEND 7.5
Fibre code	T
Fibre core diameter	50 µm
Fibre Category	OM3
Wavelengths	850 nm / 1300 nm
Maximum attenuation	2.8 dB/km / 1.0 dB/km
Typical attenuation	2.4 dB/km / 0.8 dB/km
Serial 1 gigabit ethernet	1000 m / 600 m
Serial 10 gigabit ethernet	300 m / 333 m
Min. overfilled launch (OFL) bandwidth	1500 MHz*km / 500 MHz*km
Minimum effective modal bandwidth (EMB)	2000 MHz*km / -
Induced attenuation @ 7.5 mm radius	< 0.2 dB / -

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 Plug and Play™/EDGE™ systems solutions.
3) Improved attenuation and bandwidth options available
4) Bend-insensitive single-mode fibres available on request.
5) Contact a Corning Customer Care Representative for additional information

Ordering Information

Part Number	003901T4Z80002M
Product Description	SC Pigtail on 900 µm LSZH TB fibre. Typically available in lengths up to 10 metres.
EAN Code	4056418601601
Length	2 m
Weight	0.005 kg

Shipping Information

Packing type	Cardboard box
Packing dimensions (L x W x H)	380 mm x 250 mm x 180 mm
Units Per Delivery	1/1

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The CORNING logo is a blue square with the word "CORNING" in white, uppercase, sans-serif font centered inside.

Notes



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