

Pigtail SC, 900 µm LSZH TB

single-mode (OS2), 1 m

CORNING

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)

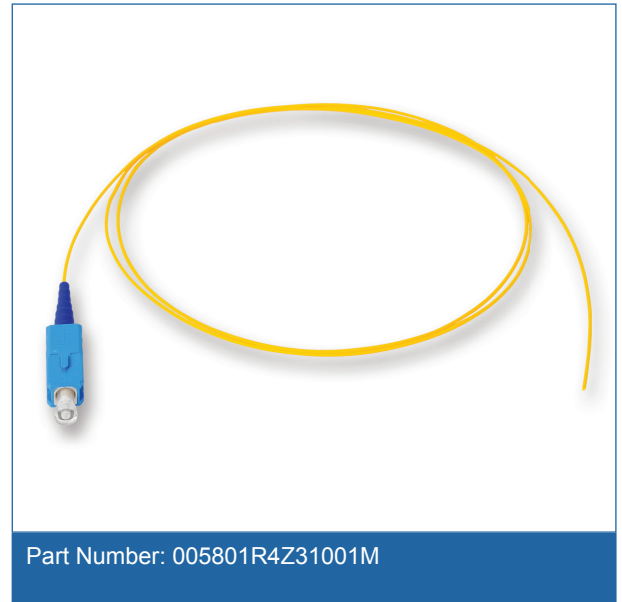
Completely dry design (without gel)

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



Standards

Intermateability

TIA/EIA-604-3

Specifications

General Specifications	
Flame rating	LSZH™/FRNC
Cable assembly type	Single Fibre
Fibre Category	single-mode (OS2)

Pigtail SC, 900 µm LSZH TB

single-mode (OS2), 1 m

CORNING

Temperature Range

Operation	-20 °C to 60 °C
Installation and assembly	-5 °C to 50 °C
Storage	-25 °C to 70 °C

Design - Connector A

Connector Type	SC
Ferrule Material	Ceramic
Polish	UPC
Housing material	Composite
Housing Colour	Beige
Boot type	Individual
Boot colour	blue
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	0.15 dB
Insertion loss, max.	0.4 dB
Reflectance, typical	≤ -59 dB

Cable design

Fibre Count	1
Outer diameter	0.9 mm
Outer jacket colour	yellow
Outer jacket material	LSZH™/FRNC
Minimum Bend Radius	30 mm

Pigtail SC, 900 µm LSZH TB

single-mode (OS2), 1 m

CORNING

Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
------	---

Fibre Specifications

Optical Characteristics (cabled)

Fibre name	E9/125 SMF28e+
Fibre core diameter	9 µm
Fibre Category	OS2
Fibre code	U
Wavelengths	1310 nm / 1383 nm / 1550 nm
Linear Attenuation	0.38 dB/km / 0.38 dB/km / 0.25 dB/km
Serial 1 gigabit ethernet	5000 m / - / -
Serial 10 gigabit ethernet	10000 m / - / 40000 m
Cable cutoff wavelength	1260 nm

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

Ordering Information

Part Number	005801R4Z31001M
Product Description	SC Pigtail on 900 µm LSZH TB fibre. Typically available in lengths up to 10 metres.
EAN Code	4042673127246
Length	1 m
Weight	0.004 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

Pigtail SC, 900 μ m LSZH TB

single-mode (OS2), 1 m

The Corning logo consists of a solid blue square with the word "CORNING" in white, uppercase, sans-serif font centered within it.

Notes



Corning Optical Communications GmbH & Co. KG · Leipziger Strasse 121 · 10117 Berlin, GERMANY
00 800 2676 4641 · FAX: +49 30 5303 2335 · www.corning.com/opcomm/emea

A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/emea/trademarks. Corning Optical Communications is ISO 9001 and ISO 14001 certified. © 2016 Corning Optical Communications. All rights reserved.