

# Pigtail SC, 900 $\mu$ m LSZH TB single-mode (OS2), 2 m

CORNING

**Part Number:**  
**005801R4Z31002M**

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

### State-Of-The-Art Manufacturing Processes

Corning proprietary manufacturing processes and advanced technology result in unsurpassed product consistency

### Global operations

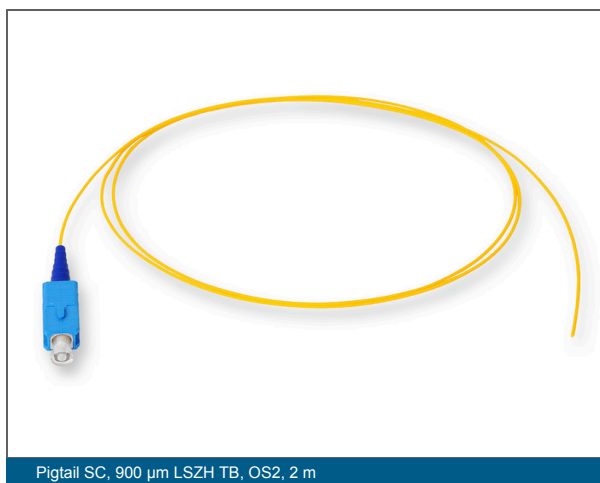
Worldwide manufacturing facilities and end-to-end vertical integration across the entire process ensure reliable supply and mitigate trade barriers or supply disruptions

### 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

### 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

### Mechanical Characteristics

Minimum bend radius	30 mm
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### Ordering Information

Product Number	005801R4Z31002M
EAN Code	4042673302414
Packing type	Cardboard box

### Dimensions

Length	2 m
Outer diameter	0.9 mm

### Specifications - Connector A

Polish	UPC
Insertion loss, max.	0.4 dB
Tensile strength jacketed cable	4 N
Durability	≤ 0.2 dB change, 1000 rematings, FOTP-21
Keyed (security)	No
Boot colour	Blue
Connector type	SC
Ferrule material	Ceramic

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## Specifications - Connector A

Housing colour	Beige
Housing material	Composite
Boot type	Individual

## General Specifications

Flame rating	LSZH™/FRNC
Fibre category	Single-mode (OS2)
Cable assembly type	Two fibre
Cable Type	Tight-buffered

## Shipping Dimensions

Height	180 mm
Width	250 mm
Depth	380 mm

## Design

Fibre count	1
Outer jacket material	LSZH™/FRNC
Outer jacket colour	Yellow

## Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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## Optical Characteristics

Cable cutoff wavelength	1260 nm
Fibre code	E

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Optical Characteristics	
Fibre name	E9/125 SMF28e+®
Fibre Type	Single-mode
Fibre core diameter	9 µm
Serial 1 gigabit ethernet	5000 MHz*km / - / -
Serial 10 gigabit ethernet	10000 MHz*km / - / 40000 MHz*km
Typical attenuation	0.38 dB/km / 0.38 dB/km / 0.25 dB/km
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fibre category	OS2



Corning Optical Communications GmbH & Co. KG • Leipzig Strasse 121 • 10117 Berlin, Germany  
+00 800 2675 4641 • FAX: +49 30 5303 2335 • [www.corning.com/opcomm/emea](http://www.corning.com/opcomm/emea)

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