

# Pigtail SC, 900 µm 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

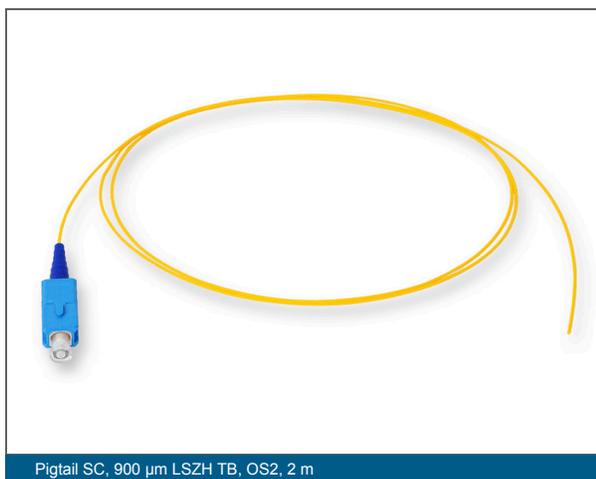
Worldwide manufacturing facilities and end-to-end vertical integration across the entire process ensure reliable supply and mitigate trade barriers or supply disruptions

### 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



# Pigtail SC, 900 µm LSZH TB single-mode (OS2), 2 m

CORNING

## 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 |
|---------------------|-------|

### 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                                  |

# Pigtail SC, 900 µm LSZH TB single-mode (OS2), 2 m

CORNING

## 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 |
|------|---|

## Optical Characteristics

|                         |         |
|-------------------------|---------|
| Cable cutoff wavelength | 1260 nm |
| Fibre code              | E       |

# Pigtail SC, 900 µm LSZH TB single-mode (OS2), 2 m



| 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)

A complete listing of the trademarks of Corning Optical Communications is available at [www.corning.com/opcomm/emea/trademarks](http://www.corning.com/opcomm/emea/trademarks). Corning Optical Communications is ISO 9001 and ISO 14001 certified. © 2021 Corning Optical Communications. All rights reserved.