

Pigtail SC, 900 µm LSZH TB

single-mode (OS2), 2 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)

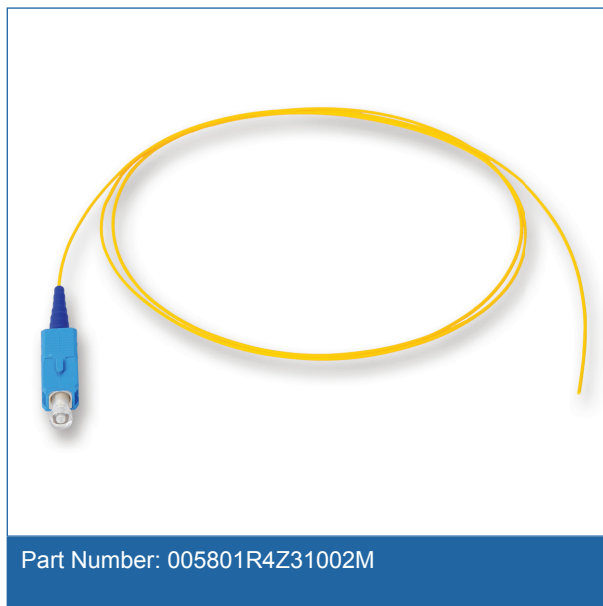
Completely dry design (without gel)

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), 2 m

CORNING

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 | 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), 2 m

CORNING

Chemical Characteristics

| | |
|------|---|
| RoHS | Free of hazardous substances according to RoHS 2011/65/EU |
|------|---|

Fibre Specifications

Optical Characteristics (cabled)

| | |
|----------------------------|--------------------------------------|
| Fibre name | E9/125 SMF28e+® |
| Fibre core diameter | 9 µm |
| Fibre Category | OS2 |
| Fibre code | E |
| 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 | 005801R4Z31002M |
| Product Description | SC Pigtail on 900 µm LSZH TB fibre. Typically available in lengths up to 10 metres. |
| EAN Code | 4042673302414 |
| 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 |

Pigtail SC, 900 μ m LSZH TB

single-mode (OS2), 2 m

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

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.

© 2018 Corning Optical Communications. All rights reserved.