

Professional 0.9 mm 1 Fibre Pigtail Corning® SMF-28® Ultra, Single-mode, CPR Dca, LC APC Simplex, 1 m

CORNING

Part Number:
002201G4Z31001M

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

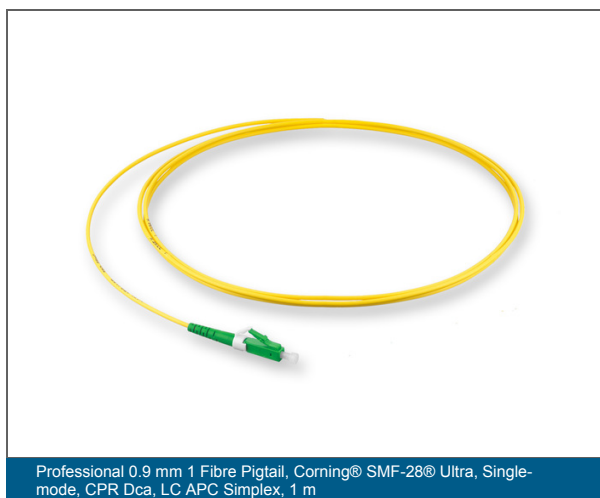
Worldwide manufacturing facilities and end-to-end vertical integration across the entire process ensure reliable supply and mitigate trade barriers or supply disruptions

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



Professional 0.9 mm 1 Fibre Pigtail, Corning® SMF-28® Ultra, Single-mode, CPR Dca, LC APC Simplex, 1 m

Professional 0.9 mm 1 Fibre Pigtail Corning® SMF-28® Ultra, Single-mode, CPR Dca, LC APC Simplex, 1 m

CORNING

Specifications

General Specifications

Flame rating	LSZH/FRNC
Fibre category	Single-mode (OS2)
Cable assembly type	Pigtail
Environment	Indoor
Application	Fiber to the Premises (FTTP), In-Building Network (IBN), Local Area Network (LAN), Central Office
Cable Type	Tight-buffered

Standards

Fibre Standards	ITU-T G.657.A1, ITU-T G.652.D
Reaction to Fire	Dca
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Intermateability	IEC 61754

Environmental Conditions

Temperature range, installation	-10 °C to 60 °C
Temperature range, operation	-10 °C to 60 °C
Temperature range, storage	-10 °C to 60 °C

Design

Fibre count	1
Outer jacket material	LSZH/FRNC
Outer jacket colour	Yellow
Polarity	Straight-through, TIA-568 type-A
Fibres per port	1

Professional 0.9 mm 1 Fibre Pigtail Corning® SMF-28® Ultra, Single-mode, CPR Dca, LC APC Simplex, 1 m

CORNING

Mechanical Characteristics

Nominal outer diameter	0.9 mm
Min. bend radius installation	20 mm
Min. bend radius operation	10 mm

Optical Characteristics

Fibre code	Z
Performance option code	25
Fibre category	OS2
Fibre Type	Single-mode (OS2) / 250 µm
Fibre name	Bend-Improved Single-mode (OS2)
Maximum Attenuation	0.38 dB/km / 0.38 dB/km / 0.25 dB/km
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fibre compliance	ITU-T G.652.D and ITU-T G.657.A1
Fibre core diameter	8.2 µm
Cladding diameter	125 µm
Coating diameter	242 µm
Dispersion @ 1550 nm	≤ 18 [ps/(nm*km)]
Dispersion @ 1625 nm	≤ 22 [ps/(nm*km)]
Cable cutoff wavelength	1260 nm
Mode-Field Diameter at 1310 nm	9.2 µm
Mode-Field Diameter at 1550 nm	10.4 µm
PMD Link Design Value	≤ 0.04 ps/√km
PMD (Polarization Mode Dispersion) maximum individual fibre	≤ 0.1 ps/√km

Specifications - Connector A

Tensile strength jacketed cable	70 N
Durability	≤ 0.2 dB change, 1000 rematings, FOTP-21
Connector type	No connector

Professional 0.9 mm 1 Fibre Pigtail Corning® SMF-28® Ultra, Single-mode, CPR Dca, LC APC Simplex, 1 m

CORNING

Specifications - Connector B

Polish	APC
Insertion loss, max.	0.25 dB
Tensile strength jacketed cable	70 N
Durability	≤ 0.2 dB change, 500 rematings, FOTP-21
Boot colour	Green
Connector type	LC APC simplex
Ferrule material	Ceramic
Housing colour	Green
Housing material	Composite
Boot type	Simplex
Reflectance	≤ -60 dB

Dimensions

Length	1 m
--------	-----

Ordering Information

Product Number	002201G4Z31001M
Packaging method	Box
Shipping Height	190 mm
Shipping Width	250 mm
Shipping Depth	380 mm
Units per delivery	1/1



Corning Optical Communications GmbH & Co. KG • Leipziger Strasse 121 • 10117 Berlin, Germany
00 800 2676 4641 • FAX: • 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. © 2026 Corning Optical Communications. All rights reserved.