

# Anaerobic Connector, SC

Single-mode (OS2)

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Corning anaerobic-cured connectors offer optical performance in a fast, easy field-termination solution designed for fibre-to-the-workstation applications for single-mode and multimode connections. This connector combines the quick-cure convenience of anaerobic adhesive with the performance of epoxy-and-polish connectors. Ideal for enterprise networks and any installations requiring field-installed connectors, the anaerobic-cured technology enables fibre optic networks to be installed cost effectively with minimal tools. Installation of the connector can be accomplished in minutes with the anaerobic adhesive two-part epoxy process. The adhesive is first injected into the connector ferrule, and then the fibre is dipped into the primer and inserted into the connector. Curing takes only one minute without the use of lamps or ovens. With the hand-polish process, an average insertion loss of 0.2 dB is achieved.

## Features and Benefits

**Quick-cure epoxy**

No lamps or ovens needed

**Minimal tools and no index-matching gel**

Low installation cost

**Hand polished for minimum insertion loss**

Reliability and optical performance

## Standards

**Intermateability**

Compliant with TIA/EIA  
604-3

## Specifications

General Specifications	
Technology	Field Polish (anaerobic)
Keyed	No
Packaging	Single Pack
Product Type	Field-Installable Connectors
Corning Logo	Yes
Fibre Category	Single-mode (OS2)



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## Design - Connector

Connector Type	SC
Ferrule Material	Ceramic
Housing Material	Composite
Housing Colour	Blue
Boot Colour	white

## Mechanical Specifications - Connector

Temperature cycling	$\leq 0.3$ dB IL, $-40^{\circ}$ to $+75^{\circ}\text{C}$ , 21 cycles
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## Optical Specifications - Connector

Insertion Loss, Typical	$\leq 0.2$ dB
Insertion Loss, Maximum	$\leq 0.75$ dB
Reflectance	$\leq -40$ dB

## Chemical characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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## Ordering Information

Part Number	95-201-41-SP
Product Description	SC single-mode (OS2) connector with ceramic ferrule, single pack, blue housing, blue boot

## Shipping Information

Units per Delivery	1/1
Package Contents	Connector, Shroud, Crimp Band (1.6/2.0 mm), Crimp Band (3.0 mm), Boot (900 $\mu\text{m}$ ), Boot (2.0 mm), Boot (3.0 mm)

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