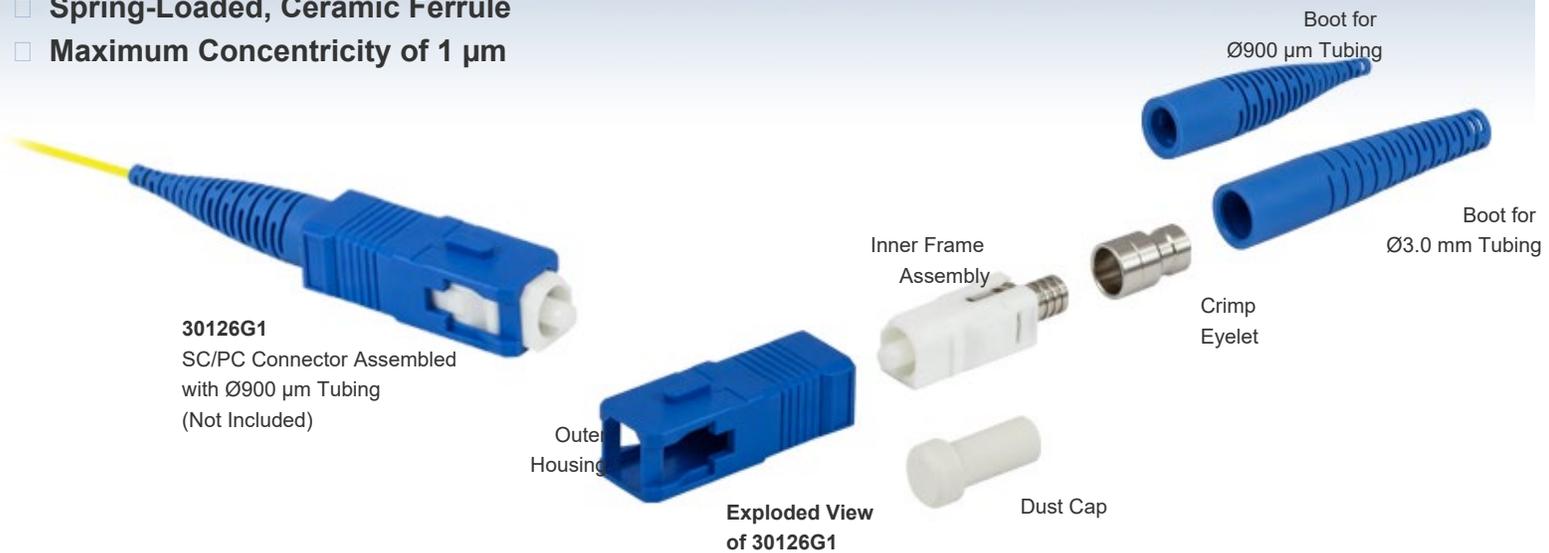


30126G1 - May 20, 2020

Item # 30126G1 were discontinued on May 20, 2020. For informational purposes, this is a copy of the website content at that time and is valid only for the stated product.

SC/PC FIBER CONNECTORS: SINGLE MODE

- Ø126 µm Central Bore
- Spring-Loaded, Ceramic Ferrule
- Maximum Concentricity of 1 µm



[Hide Overview](#)

OVERVIEW

Features

- SC/PC Connector
- Pre-Radiused, Spring-Loaded, Ø2.5 mm, Ceramic Ferrule
- Strain Relief Boots for Ø3.0 mm and Ø900 µm Tubing and Connector Cap Included

This SC/PC (Subscriber Connector / Physical Contact) single mode connector allows for quick and easy assembly of the inner frame into the outer housing via a snap-in mechanism and features a pre-radiused ceramic ferrule that minimizes back reflections. The connector comes complete with a strain relief boot for both Ø3 mm and Ø900 µm tubing and a fiber connector cap. It also features a hole size tolerance of +1 µm / -0 µm and a maximum concentricity of 1 µm.

For information about polishing and terminating fibers, please see our FN96A Connectorization Guide.

As an alternative to buying and assembling separate optical fiber, connectors, and furcation tubing, Thorlabs also offers custom pre-built patch cables using the connectors sold on this page. See our Custom Fiber Patch Cable Configurator to place an order.

Fiber Connector Selection Guide	
Single Mode	Multimode
FC/PC	FC/PC (SS Ferrule)
FC/APC	FC/PC (Ceramic Ferrule)
ST/PC	FC/APC
LC/PC	SMA905
SC/PC	ST/PC
	SC/PC
Bare Ferrules	
Bare Fiber Terminator	

[Hide SC/PC Fiber Connector: Single Mode](#)

SC/PC Fiber Connector: Single Mode

Item #	Style	Bore	Concentricity	Ferrule	Included Boots	Crimp Tool for Ø3.0 mm Tubing ^a	Operating Temperature
30126G1	SC/PC	Ø126 +1 / -0 µm	1 µm	Ø2.5 mm, Ceramic	Ø3.0 mm and Ø900 µm	CT042	-40 - 75 °C

a. A crimp tool is not required for Ø900 µm boots. For more details, please see our FN96A Connectorization Guide.

Part Number	Description	Price	Availability
30126G1	SC/PC Single Mode or Multimode Connector, 126 µm Bore, Ceramic Ferrule, Ø3.0 mm & Ø900 µm Boots	\$6.65	Today

[Hide Dust Caps](#)

Dust Caps

Our CAPF Clear Plastic Dust Caps are for use with all Ø2.5 mm fiber connector ferrules and FC connectors, while our CAPFM Threaded Nickel-Plated Brass Dust Caps work with any narrow-key FC connector. Dirt on the fiber tip can cause permanent damage to the fiber connector, which can result in increased coupling losses or undesirable mode structure in the output light. To prevent damaging the connectorized fiber, clean it before each use and use a fiber connector cap to protect the end face of the connectorized fiber when it is not in use.

Part Number	Description	Price	Availability
CAPF	Clear Plastic Dust Caps for Ø2.5 mm Ferrules, 25 Pack	\$7.31	Today

