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## 30126G2 - September 6, 2017

Item # 30126G2 was discontinued on September 6, 2017. For informational purposes, this is a copy of the website content at that time and is valid only for the stated product.

### FC/PC FIBER CONNECTORS: MULTIMODE, STAINLESS STEEL FERRULE

- ▶ Large Selection of Bore Sizes to Accommodate Fibers with Claddings Between  $\text{\O}125$  and  $\text{\O}1580$   $\mu\text{m}$
- ▶ Stainless Steel Ferrules 2.0 mm Narrow Keys



30126G2

Additional Strain Relief Boots and Caps can be Purchased Separately



30126G2  
FC/PC with Stainless Steel Ferrule



CAPFM



CAPF



190066CP



## OVERVIEW

### Features

- FC/PC Connectors with 2.0 mm Narrow Keys
- Stainless Steel Ferrules
- Strain Relief Boot for  $\text{\O}3$  mm Tubing and Connector Cap Included
- FC/PC-Compatible Strain Relief Boots for  $\text{\O}2$  mm Tubing and Additional Caps can be Purchased Separately

Thorlabs offers FC/PC connectors with 2.0 mm narrow keys and drilled stainless steel ferrules. Our 30126G2 family of connectors comes with bore sizes ranging from  $\text{\O}125$   $\mu\text{m}$  to  $\text{\O}1580$   $\mu\text{m}$ , providing compatibility with various multimode fibers. Each connector package includes a fiber connector cap, crimp sleeve, and strain relief boot compatible with  $\text{\O}3$  mm furcation tubing. Strain relief boots for  $\text{\O}2$  mm furcation tubing and additional connector caps can be purchased separately (see below). We also offer stainless steel sleeves designed for mating connectors to our stainless steel tubing. Please refer to stainless steel tubing and sleeves for more information.

If you need a bore size that is not listed below, please e-mail Tech Support for a quote on custom-drilled connectors.

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	

**FC/PC Fiber Connectors: Multimode, Stainless Steel Ferrule**

Item #	Style	Bore Diameter	Bore Diameter Tolerance	Ferrule	Included Boot	Crimp Tool
30126G2	2.0 mm Narrow Key FC/PC	126 µm	+2/-0 µm	Ø2.5 mm, Stainless Steel	Ø3 mm	CT042
30126G2-230		230 µm	+10/-4 µm			
30126G2-240		240 µm	+10/-4 µm			
30126G2-250		250 µm	+10/-4 µm			
30126G2-260		260 µm	+10/-4 µm			
30126G2-270		270 µm	+10/-4 µm			
30126G2-340		340 µm	+10/-4 µm			
30126G2-440		440 µm	+10/-4 µm			
30126G2-450		450 µm	+10/-4 µm			
30126G2-500		500 µm	+20/-5 µm			
30126G2-640		640 µm	+20/-5 µm			
30126G2-670		670 µm	+20/-5 µm			
30126G2-850		850 µm	+30/-10 µm			
30126G2-1050		1050 µm	+30/-10 µm			
30126G2-1270		1270 µm	+30/-10 µm			
30126G2-1580		1580 µm	+30/-10 µm			

Part Number	Description	Price	Availability
30126G2	FC/PC Multimode Connector, Ø125 µm Bore, SS Ferrule	\$9.35	Today
30126G2-230	FC/PC Multimode Connector, Ø230 µm Bore, SS Ferrule	\$10.20	Today
30126G2-240	FC/PC Multimode Connector, Ø240 µm Bore, SS Ferrule	\$10.20	Today
30126G2-250	FC/PC Multimode Connector, Ø250 µm Bore, SS Ferrule	\$10.20	Today
30126G2-260	FC/PC Multimode Connector, Ø260 µm Bore, SS Ferrule	\$10.20	Today
30126G2-270	FC/PC Multimode Connector, Ø270 µm Bore, SS Ferrule	\$10.20	Today
30126G2-340	FC/PC Multimode Connector, Ø340 µm Bore, SS Ferrule	\$10.20	Today
30126G2-440	FC/PC Multimode Connector, Ø440 µm Bore, SS Ferrule	\$10.20	Today
30126G2-450	Customer Inspired!FC/PC Multimode Connector, Ø450 µm Bore, SS Ferrule	\$10.20	Today
30126G2-500	FC/PC Multimode Connector, Ø500 µm Bore, SS Ferrule	\$10.20	Today
30126G2-640	FC/PC Multimode Connector, Ø640 µm Bore, SS Ferrule	\$10.20	Today
30126G2-670	Customer Inspired!FC/PC Multimode Connector, Ø670 µm Bore, SS Ferrule	\$10.20	Today
30126G2-850	FC/PC Multimode Connector, Ø850 µm Bore, SS Ferrule	\$12.80	Today
30126G2-1050	FC/PC Multimode Connector, Ø1050 µm Bore, SS Ferrule	\$12.80	Today
30126G2-1270	FC/PC Multimode Connector, Ø1270 µm Bore, SS Ferrule	\$18.80	Today
30126G2-1580	FC/PC Multimode Connector, Ø1580 µm Bore, SS Ferrule	\$18.80	Today

**Strain Relief Boots and Dust Caps**

- ▶ Strain Relief Boots and Crimp Sleeves for Ø2 mm Tubing (25 Pack)
- ▶ CAPF Dust Cap for Ø2.5 mm Ferrules (25 Pack)
- ▶ CAPFM Threaded Metal Dust Cap for FC Connectors (4 Pack)

Thorlabs offers strain relief boots and dust caps that can be purchased separately from our fiber connectors. The black strain relief boots sold here include a crimp sleeve and are compatible with FC/PC and FC/APC connectors and Ø2 mm furcation tubing (our stock connectors do not include a boot compatible with Ø2 mm tubing).

The CAPF Clear Plastic Dust Caps are for use with all Ø2.5 mm fiber connector ferrules and FC connectors, and the CAPFM Threaded Nickel-Plated Brass Dust Caps are for use with narrow-key FC connectors. Dirt on the fiber tip can result in permanent damage to the fiber connector, which can increase coupling losses or

create undesirable mode structures in the output light. To prevent damaging the connectorized fiber, clean before each use with an appropriate fiber and connector cleaning product 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
190066CP	Black Strain Relief Boots and Crimp Sleeves for Ø2 mm Tubing and FC/PC Connectors, 25 Pack	\$23.30	Today
CAPF	Clear Plastic Dust Caps for Ø2.5 mm Ferrules, 25 Pack	\$6.75	Today
CAPFM	Customer Inspired!Metal Threaded Caps for FC Connectors, 4 Pack	\$7.15	Today

