

## Fiber Optics

Passive Components

Collimation Packages

Optical Switches

Rackbox Systems

Connectors/  
Termination Tools

Single-Mode Fiber

Rare Earth Doped

Single-Mode: PM

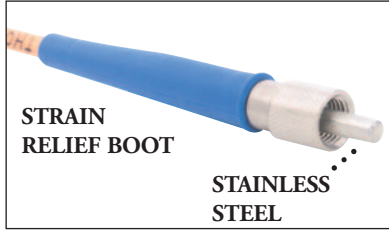
Photonic  
Crystal Fiber

Multimode Fiber:  
Graded Index

Multimode Fiber:  
Step Index

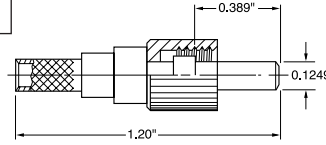
Waveguide Circuits

### SMA 905 Fiber Connectors: Multimode



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**Custom Drilled Connectors Available**  
Call Tech Support



#### SMA MAIN BODY

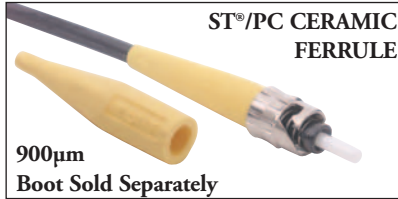
SMA style connectors are most commonly used with multimode fibers. The ferrule design on the SMA connector makes it an ideal choice for large core fibers. Thorlabs stocks a complete selection of SMA connector sizes to accommodate our full line of large core fibers: see pages 895-903.

ITEM#	\$	£	€	¥	FIBER SIZE
10125A	\$ 8.99	£ 6.74	€ 9,44	¥ 1,528	125µm
10140A	\$ 8.99	£ 6.74	€ 9,44	¥ 1,528	140µm
10230A	\$ 8.99	£ 6.74	€ 9,44	¥ 1,528	230µm
10250A	\$ 8.99	£ 6.74	€ 9,44	¥ 1,528	250µm
10260A	\$ 8.99	£ 6.74	€ 9,44	¥ 1,528	260µm
10270A	\$ 8.99	£ 6.74	€ 9,44	¥ 1,528	270µm
10340A	\$ 8.99	£ 6.74	€ 9,44	¥ 1,528	340µm
10410A <sup>1</sup>	\$ 8.99	£ 6.74	€ 9,44	¥ 1,528	400µm
10440A <sup>1</sup>	\$ 8.99	£ 6.74	€ 9,44	¥ 1,528	430µm
10510A <sup>1</sup>	\$ 9.10	£ 6.82	€ 9,56	¥ 1,547	500µm
10610A <sup>1</sup>	\$ 9.10	£ 6.82	€ 9,56	¥ 1,547	600µm
10640A <sup>1</sup>	\$ 9.10	£ 6.82	€ 9,56	¥ 1,547	630µm
10770A <sup>2</sup>	\$ 9.10	£ 6.82	€ 9,56	¥ 1,547	750µm
10850A	\$ 9.50	£ 7.12	€ 9,98	¥ 1,615	830µm
11040A <sup>1</sup>	\$ 9.50	£ 7.12	€ 9,98	¥ 1,615	1030µm
11050A	\$ 9.75	£ 7.31	€ 10,24	¥ 1,658	1050µm
11275A	\$ 8.99	£ 6.74	€ 9,44	¥ 1,528	1250µm

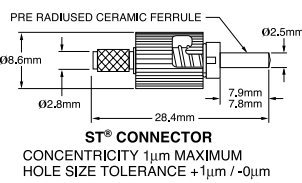
<sup>1</sup>Ferrule hole size is +10µm over fiber size.

<sup>2</sup>Ferrule hole size is +20µm over fiber size.

### ST® Fiber Connector: Single Mode, Ceramic



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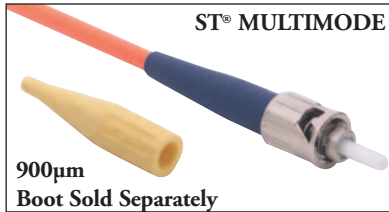


ITEM#	\$	£	€	¥	FERRULE	FIBER SIZE
30126B1	\$ 8.50	£ 6.38	€ 8,93	¥ 1,445	Ceramic, PC	125µm
190044-50	\$ 0.38	£ 0.28	€ 0,40	¥ 65	900µm Strain Relief Black	
190044-55	\$ 0.38	£ 0.28	€ 0,40	¥ 65	900µm Strain Relief Yellow	

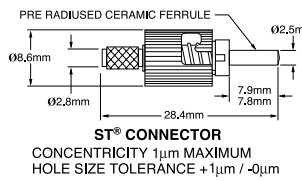
ST® is a registered trademark of AT&T.

This ST® style single mode connector features a ceramic ferrule with a pre-radiused tip (R20mm) to minimize back reflections. Packaged with a strain relief boot for Ø3mm tubing.

### ST® Fiber Connectors: Multimode



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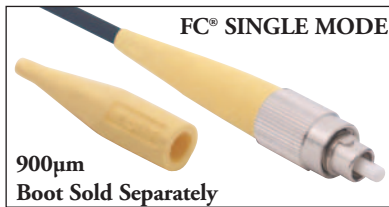


ITEM#	\$	£	€	¥	FERRULE	FIBER SIZE
30140C1	\$ 6.95	£ 5.21	€ 7,30	¥ 1,182	Ceramic, PC	140µm
10140G1	\$ 10.75	£ 8.06	€ 11,29	¥ 1,828	Stainless	140µm
190044-50	\$ 0.38	£ 0.28	€ 0,40	¥ 65	900µm Strain Relief Black	
190044-55	\$ 0.38	£ 0.28	€ 0,40	¥ 65	900µm Strain Relief Yellow	

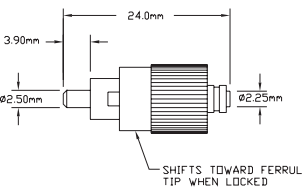
ST® is a registered trademark of AT&T.

These ST® style connectors are designed for multimode applications. The stainless ferrule connectors can be customized to accept fiber diameters up to Ø1mm.

### FC Fiber Connector: Single Mode Ceramic



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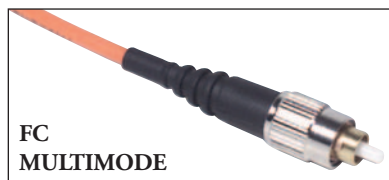


ITEM#	\$	£	€	¥	FERRULE	FIBER SIZE
30126D1	\$ 8.00	£ 6.00	€ 8,40	¥ 1,360	Ceramic, PC	125µm
30080D1	\$ 15.00	£ 11.25	€ 15,75	¥ 2,550	Ceramic, PC	80µm
190044-50	\$ 0.38	£ 0.28	€ 0,40	¥ 65	900µm Strain Relief Black	
190044-55	\$ 0.38	£ 0.28	€ 0,40	¥ 65	900µm Strain Relief Yellow	

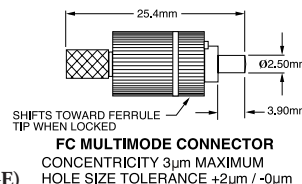
ST® is a registered trademark of AT&T.

This FC style single mode connector features a pre-radiused (R20mm) ceramic ferrule; the pre-radiused tip minimizes back reflections. Packaged with a strain relief boot for Ø3mm tubing.

### FC Fiber Connector: Multimode



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ITEM#	\$	£	€	¥	FERRULE	FIBER SIZE
30140E1	\$ 8.95	£ 6.71	€ 9,40	¥ 1,522	Ceramic, PC	140µm
190044-50	\$ 0.38	£ 0.28	€ 0,40	¥ 65	900µm Strain Relief Black	
190044-55	\$ 0.38	£ 0.28	€ 0,40	¥ 65	900µm Strain Relief Yellow	

This FC style connector is designed for multimode applications.