#### **Fiber**

For current pricing, please see our website.

## CHAPTERS

### Fiber Patch Cables Bare Fiber Fiber Optomechanics Fiber Components Test and

Measurement

### **SECTIONS**

- Collimators
- Couplers
- WDMs
- **RGB** Combiner
- Circulators
- Fiber Isolators
- Faraday Mirrors
- Fiber Attenuators
- Polarization
- Controllers
- **Optical Switches**
- Mating Sleeves
- Terminating
- Connectors
- Termination

## **SC Ceramic Fiber Connector**



CT042 Crimp Tool is Required for Ø3 mm Tubing

This SC-style connector features a pre-radiused (20 mm) ceramic ferrule that is packaged with a Ø3 mm boot and minimizes back reflections. The connector has a bore size of Ø125 µm. Each connector package includes a fiber connector cap and a Ø3 mm boot.

ITEM #	\$		£	€		RMB		DESCRIPTION
30126H1	\$ 8.67	£	6.24	€	7,54	¥	69.10	SC, MM, Ø125 µm Bore
190044P	\$ 10.50	£	7.56	€	9,14	¥	83.69	Ø900 µm Yellow Boots, 25/Pack

# **SC Glue-On Connector for Plastic Optical Fiber**

### Features

- Standard SC Form Factor with Customized Ferrule
- All Material Complies with UL94 V0 and RoHS
- Internal Ferrule Dimension Allows for Direct Connection, No Buffer Removal Required
- F120 Fast Room Temperature Cure Epoxy Recommended for Termination
- LCP (Gray Plastic) Ferrule Material
- Compatible with Gradient-Index Plastic Optical Fiber (GIPOF), See Pages 1063 - 1064

# **Bare Fiber Terminator**





Crimp Tool CT042 Required for Ø3 mm Tubing

FERRULE DIM	MIN		TYPICAL		MAX		
Inner Diameter (	(ID)		0.493 m	0.493 mm		94 mm	0.496 mm
ITEM #	\$	£	€	D	MB	DE	SCRIPTION
	φ	L	e	R	WID	DE	
30500A1	\$ 6.85	£ 4.93	€ 5,96	¥ 54.59		SC Glue-On Connector	

For applications where a temporary fiber termination is desired, our Bare Fiber Terminator is the solution. It is reusable and can be easily cleaned if the fiber breaks inside the connector by using the WC100 clean out wires (below). The bare fiber terminator is designed to mechanically hold fibers in standard connectors (sold separately). The BFTU accepts ferrules up to Ø0.158" (Ø4 mm) and fibers up to Ø0.03" (Ø0.7 mm).

The design is compatible with FC, ST, and SMA connectors, but is **not** compatible with the following connectors:

- SMA Connectors: 10850A, 11040A, 11050A, 11275A
- FC/PC Connectors: 30080D1, 301255D1
- FC/APC Connectors: 30126F1, 30126K1
- FC MM Connector: 30128E2, 30140E1, 30126G2 Series
- LC® SM Connector: 86024-5500

## See Pages 1142 - 1143 for Compatible Connectors

ITEM #	\$	£	€	RMB	DESCRIPTION	
BFTU	\$ 76.80	£ 55.30	€ 66,82	¥ 612.10	Terminator for FC, ST, and SMA Connectors	
WC100	\$ 12.60	£ 9.07	€ 10,96	¥ 100.42	Clean Out Wires (8 Pieces/Vial)	