

# ST II Connector Plugs and Couplings



**Figure 5-39.** ST II Connector Plug

The ST II Connector Plug is a keyed ceramic plug that uses a bayonet-type "ramped-latching" mounting arrangement. ST II connectors will accept 125- $\mu$ m outside diameter multimode fiber. This plug connects fiber optic cables to equipment, cross connects, or interconnects. ST II connector plugs can be mounted on fibers in the field using the 1032B5, 1032B6, or 1032F1 Tool Kits. The 1032G Tool Kit may be used when mounting connectors on 0.9 mm fiber.

**Subsystem:** Work Area, Horizontal, Administration,  
Campus Backbone, Riser Backbone

## Physical Specifications:

### Multimode:

Length: 2.14 in. (5.43 cm)

Average Loss: 0.3 dB

Operating Temperature: -40 to 185 °F (-40 to 85 °C)  
with an average performance change of  $\pm 0.1$  dB

### Singlemode:

Length: 2.14 in. (5.43 cm)

Average Loss: 0.2 dB

Operating Temperature: -40 to 176 °F (-40 to 80 °C)  
with an average performance change of  $\pm 0.2$  dB

<b>Product Number</b>	<b>Description</b>	<b>Comcode</b>
P2020C-C-125	Multimode Ceramic Plug for 0.9, 2.4 & 3.0 mm cordage	105 143 911
P2020C-C-125-100	Multimode Ceramic Plug for 0.9, 2.4 & 3.0 mm cordage (Quantity 100)	106 990 971
P3020A-Z-125	Singlemode plug for 0.9, 2.4, & 3.0 mm cordage	106 812 258
P3020A-Z-125-100	Singlemode plug for 0.9, 2.4, & 3.0 mm cordage (Quantity 100)	107 223 518

<b>ST Couplings for Panel Mount</b>		
<b>Product Number</b>	<b>Description</b>	<b>Comcode</b>
A2000	Multimode With Circular Mounting Nut	106 733 546
C2000A-2	Multimode With Hex Mounting Nut	104 148 028
C2000A-2-100	Multimode With Hex Mounting Nut	106 795 511
A3000	Singlemode With Circular Mounting Nut	106 733 553
C3000A-2	Singlemode With Hex Mounting Nut	105 271 142
C3000A-2-100	Singlemode With Hex Mounting Nut	106 672 447
M81ST-003	C2000A-2 Coupling With Black Mounting Module	106 986 029
M81ST-246	C2000A-2 Coupling With Ivory Mounting Module	106 986 037
M81ST-262	C2000A-2 Coupling With White Mounting Module	106 986 045
M81ST-270	C2000A-2 Coupling With Gray Mounting Module	106 986 052

<b>ST II Tool Kits and Consumables</b>		
<b>Product Number</b>	<b>Description</b>	<b>Comcode</b>
1032B5	Epoxy Tool Kit With 120 VAC Oven	106 705 213
1032B6	Epoxy Tool Kit With 220 VAC Oven	106 919 012
1032F1	EZ Tool Kit	107 149 320
1032G	Epoxy and EZ Tool Kit for 0.9 mm Buffer Fiber only	107 502 643
D-182737	ST II+ and SC Upgrade for 1032B Tool Kit	106 919 210
D-182720	Consumable Kit for 100 Multimode or Singlemode	106 834 039
D-182739	Epoxy Consumable Kit for 100 Multimode or Singlemode Connectors	106 919 244