

Epoxy and Polish Fiber Optic Connectors Angled PC Single-Mode

Corning
Cable Systems

Description

Corning Cable Systems' epoxy and polish fiber optic connector product line has been expanded to offer FC Angled PC and SC Angled PC epoxy and polish connectors. The connectors are pre-angled to 8°. Polishing is completed on Corning Cable Systems' automatic polisher, the SP500.

The FC Angled PC connector features metal hardware that meets JIS specification. The SC Angled PC connector housing is an engineered polymer. Both connector styles have a non-optical disconnect feature.

The pre-angled zirconia ceramic ferrule on both the FC and SC connector provides enhanced reflectance performance of ≤ -65 dB.

Corning Cable Systems' epoxy and polish product line has an added feature – a jacket retention crimp ring. A one-step crimp on the aramid yarn ring captures a portion of the cable jacket for added strength.



PC Connectors | CNP551716

Features / Benefits

- Enhanced reflectance performance of ≤ -65 dB
- New one-step jacket retaining crimp ring
- Pre-assembled, fewer components for reduced installation time
- 8° angled end-face

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Specifications

Parameter	Single-Mode
Interconnection Compatibility	All FC Angled PC and SC Angled PC connectors
Insertion Loss	0.3 dB typical
Durability	≤ 0.2 dB change, 200 cycles
Tensile Strength	10 lb – single fiber with strength member
Temperature Cycling	≤ 0.3 dB change, -40° to +80°C, 40 cycles
Reflectance	≤ -65 dB

Ordering Information

Part Number	Description
95-211-10 ¹	FC Angled PC Single-mode Connector with non-pedestal pre-angled ceramic ferrule and metal hardware; must be polished with SP500 polisher
95-211-08 ¹	SC Angled PC Single-mode Connector with non-pedestal pre-angled ceramic ferrule and green shroud; must be polished with SP500 polisher
95-212-10 ¹	FC Angled PC Single-mode Connector with non-pedestal pre-angled ceramic tuned ferrule .126/127 and metal hardware; must be polished with SP500 polisher
3201014-01	Jacket Retention Crimp Tool for Corning Cable Systems' angled epoxy and polish connectors
SP500 ²	Connector Polishing Machine
SP500-AFC-12	FC Angled PC Connector Polishing Plate; holds 12 connectors
SP500-ASC-12	SC Angled PC Connector Polishing Plate; holds 12 connectors
SP500-CAPC	Single-mode Angled PC Connector Polishing Kit

¹Note: **-BPxy** can be added to the end of the connector part number. In addition, it will allow a Customer Service Representative (CSR) to give a price without the customer specifying the boot size and color

-BP = Bulk Pack/100 per pack

-xy = Boot size and color are offered as options:

(*xy must be changed at time of order to correct size and color*)

x = Size

y = Color

9 = 900 μm boot only

B = black

N = navy blue

G = green

3 = 3 mm boot only

R = red

W = white

Y = yellow

(*Example: -BP9W = Bulk Pack/100 per pack; 900 μm white boot*)

²See EVO-111 for additional information on the SP500 and accessories.



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