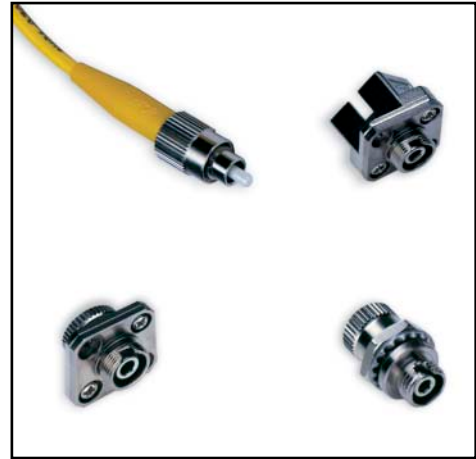


FC - PC Connectors & Adapters

722 series FC-PC connectors offer superior performance with very high repeatability. These products are fully intermatable with standard NTT FC-PC products and deliver long term stability under a wide range of applications and conditions. The 722 series utilizes pre-radiused Zirconia ferrules to ensure low loss. 722 series products features a patented NOD spacer element for greater reliability and ease of assembly. AFOP also provides an FC fiber coupling adapter family to support FC-PC interconnection. AFOP FC adapters are available in a wide range of hybrid adapter styles to fit almost any application or panel requirements.



APPLICATIONS

- Telecommunications
- SONET Networks
- CATV Distribution Networks
- Wide Area Networks
- Test Instruments

FEATURES

- Fixed and Removable Key Type Connector Available
- Various Options: Boot Color and Boot Type
- Patented NOD Spacer Element Connector Design
- Telcordia GR-326 Compliant
- Precision Preradiused Zirconia Connector Ferrules

SPECIFICATIONS - FC-PC CONNECTOR / 722 SERIES

Parameters	Multimode	Singlemode
Insertion Loss	0.2 dB Typical 0.3 dB Maximum	0.15 dB Typical 0.25 dB Maximum
Back Reflection	- 25 dB Typical	- 35 dB PC Polish - 45 dB Super PC - 55 dB Ultra PC
Connection Durability	500 Matings	500 Matings
Connector Repeatability	$\Delta IL < 0.2$ dB	$\Delta IL < 0.1$ dB
Operating Environment	- 40°C to + 85°C	- 40°C to + 85°C
Temperature Cycling	$\Delta IL < 0.2$ dB/ $\Delta RL < 5$ dB	$\Delta IL < 0.2$ dB/ $\Delta RL < 5$ dB
Vibration	$\Delta IL < 0.1$ dB/ $\Delta RL < 5$ dB	$\Delta IL < 0.1$ dB/ $\Delta RL < 5$ dB
Cable Retention	> 15 Lbs.	> 15 Lbs.

SPECIFICATIONS - FC-PC ADAPTER / 740 SERIES

Parameters	Phosphor/Bronze	Zirconia
Operating Temperature	- 40°C to + 85°C	- 40°C to + 85°C
Connection Durability	500 Matings	500 Matings
Repeatability	$\Delta IL < 0.1$ dB	$\Delta IL < 0.1$ dB
Insertion Loss	< 0.3 dB	< 0.2 dB

ORDERING INFORMATION - FC-PC CONNECTOR / 722 SERIES

722	-	N	N	N	O	-	O	N	N	O	B
		↓	↓	↓			↓	↓			
		Ferrule Type	Body Type	Boot Type			Boot Color	Dust Cap Color			Color Chart
		1: SM 125 μm 2: SM 126 μm 3: MM 128 μm 4: APC 125 μm Preangled 5: APC 126 μm Preangled	1: Fixed Key One Piece 2: Removable Key One Piece	1: 900 mm Boot 2: 2 mm Ribbed Boot 3: 2 mm Rubber Boot 4: 3 mm Ribbed Boot 5: 3 mm Rubber Boot Other: Custom			1: MM: Black 2: SM: Yellow 3: APC: Green	0: SM: Translucent 1: MM: Black 3: APC: Green			0. Translucent (Cap Only) 1. Black 2. Yellow 3. Green 4. Red 5. Blue 6. Orange 7. Beige 8. White

Notes:

* All parts are sold in units of 100 **Refer to color chart for additional non-standard boot and housing colors

***Non-standard color lead time may be longer

FC - PC Connectors & Adapters

ORDERING INFORMATION - FC-PC ADAPTER / 740 SERIES

740-0011-003	FC, Metal Sleeve, Square Flange
740-002N-003	FC-ST, Metal or Ceramic Sleeve, Square Flange
740-003N-003	FC, Threaded, Metal or Ceramic Sleeve
740-0041-003	FC, Ceramic Sleeve, Square Flange
740-008N-003	FC-ST, Threaded, Metal or Ceramic
740-015N-003	FC-SC, Metal or Ceramic Sleeve, with shutter door

(N: 1 - Metal Sleeve, 2 - Ceramic Sleeve)

