



Series 732 FC/PC Connectors

Alliance Fiber Optic Products provides an extensive line of high performance FC/PC fiber connectors. The 732 series of products offer superior performance with very high repeatability, is fully intermatable with standard NTT FC/PC product, and delivers long term stability under a range of application conditions. The 732 series utilize only tightly toleranced preradiused Zirconia ferrules to ensure consistent low loss. The 732 series features a patented NOD spacer element for greater reliability and superior ease of assembly.

AFOP FC/PC connectors are available with either a 3mm or 900um cable boot and in both multimode and singlemode grade options.

AFOP FC/PC Connectors are designed to comply with EIA/TIA 455 and 604, and Bellcore 326 standards for performance and reliability.

For Use With:

Local Area Networks

SONET Networks

CATV Distribution Networks

Point to Point Systems

Wide Area Networks

Test Instruments

Fiber Optic Connectors

Features:

Precision Preradiused Zirconia Ferrules

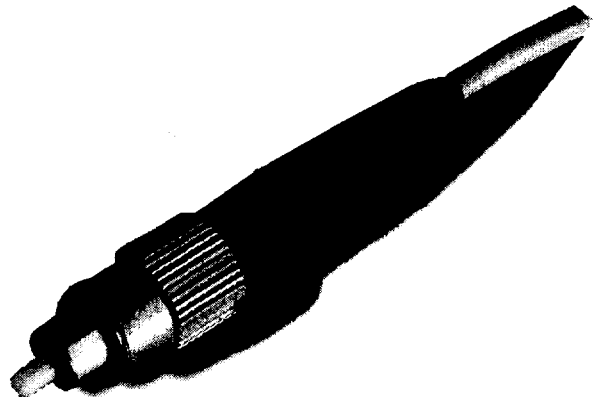
Fixed Key or Adjustable Key Versions

Superior Repeatability

Multimode and Singlemode Options

Low Back Reflection

Patented NOD Spacer Element



*AFOP's Patented NOD spacer element
protects against fiber microbending stress
fractures.*

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Series 732 - FC / PC Connector

Specifications

Item	Multimode Zirconia Ferrule	Singlemode Zirconia Ferrule
Insertion Loss	< 0.24 dB Typical 0.5 dB Maximum	< 0.18 dB Typical 0.5 dB Maximum
Backreflection	- 25 dB Typical	- 35 dB PC Polish - 45 dB Super PC - 55 dB Ultra PC
Connector Repeatability (Loss Increase)	< 0.1 dB	< 0.1 dB
Operating Environment	- 40° C to 80° C	- 40° C to 80° C
Temperature Cycling (Loss Variation)	Insertion Loss < 0.1 dB Return Loss < 5 dB	Insertion Loss < 0.1 dB Return Loss < 5 dB
Vibration (Loss Variation)	Insertion Loss < 0.1 dB Return Loss < 5 dB	Insertion Loss < 0.1 dB Return Loss < 5 dB
Cable Retention	> 80 lb.	> 80 lb.

Ordering Information

732-0011-005	FC / PC, 128 um, Multimode Fiber, One Piece, Fixed Key
732-0021-005	FC / PC, 126 um, Singlemode Fiber, One Piece, Fixed Key
732-0061-005	FC / PC, 126 um, Singlemode Fiber, One Piece, Fixed Key, Ribbed Boot
732-0021-006	FC / PC, 126 um, Singlemode Fiber, One Piece, Buffered Fiber, Fixed Key
732-0011-001	FC / PC, 128 um, Multimode Fiber, One Piece, Adjustable Key
732-0021-001	FC / PC, 126 um, Singlemode Fiber, One Piece, Adjustable Key

*Notes: Please consult the factory about correct P/Ns for different boots or cable sizes.
Use -B after the part number to designate bulk packaging.*

Other ferrule hole sizes are available

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AFOP continues to improve and update all product designs. Specifications are subject to change without notice