



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

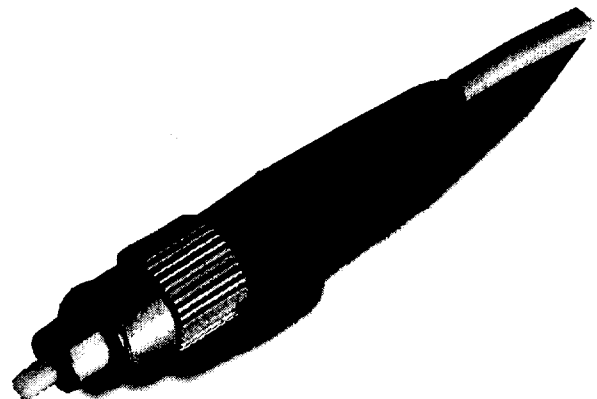
Fixed Key or Adjustable Key Versions

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