



Series 730 ST Connectors

Alliance Fiber Optic Products provides an extensive line of high performance ST fiber connectors. The 730 series of products offer superior performance with superior repeatability, is fully intermatable with all standard ST product, and delivers very high stability under a range of application conditions. The 730 series utilize only tightly toleranced preradiused Zirconia ferrules to ensure consistent low loss and increased ease of assembly.

AFOP ST connectors are available in either a premium metal or polymer body construction. AFOP offers both multimode and singlemode grade products.

AFOP ST Connectors Comply with EIA/TIA 455 and 604 standards for performance and reliability.

For Use With:

Local Area Networks

Telecommunications Networks

CATV Distribution Networks

Point to Point Systems

Wide Area Networks

Test Instruments

Fiber Optic Connectors

Features:

Precision Preradiused Zirconia Ferrules

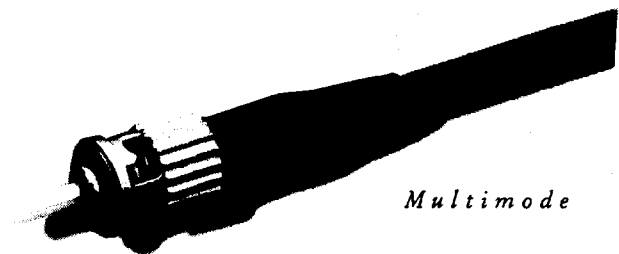
Metal or Polymer Body Construction

Superior Repeatability

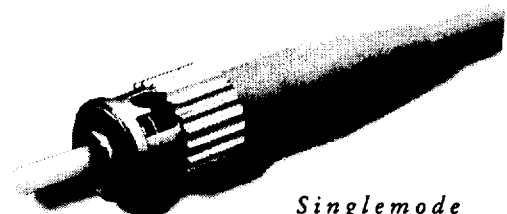
Multimode and Singlemode Options

Low Back Reflection

Metal Bayonet Design



Multimode



Singlemode

Alliance Fiber Optic Products Inc

1030E Duane Ave. Suite H, Sunnyvale, CA 94086

Ph: 408-736-6900 Fax: 408-736-4882

e-mail: sales@AFOP.com



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Series 730 / ST Connector

Specifications

Item	Multimode Zirconia Ferrule	Singlemode Zirconia Ferrule
Insertion Loss	< 0.24 dB Typical 0.5 dB Maximum	< 0.29 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

730-0011-009	ST Connector, 128 um Multimode Fiber, Metal Body
730-0011-008	ST Connector, 128 um Multimode Fiber, Plastic Body
730-0021-001	ST Connector, 126 um Singlemode Fiber, Plastic Body
730-0021-006	ST Connector, 126 um, Singlemode Fiber, Metal Body

*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