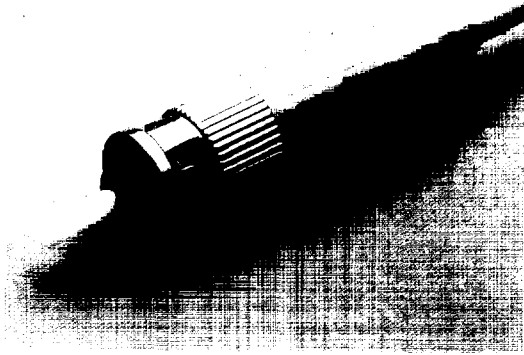
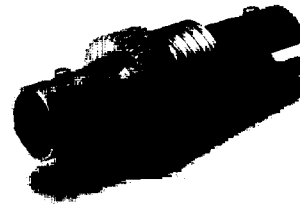


Series 730 / ST Fiber Optic Connector



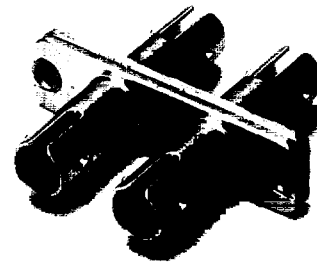
ST Connector w/Zirconia
Ferrule & Plastic Body



ST Adapter



ST Connector w/Zirconia
Ferrule & Metal Body



Duplex ST Adapter

AFOP Series 730 / ST Connector are fully compatible with all ST type connectors available in today's market place. All ST Connectors are manufactured with the high quality zirconia ferrules with pre-radiused endface. ST connectors offer either metal body or plastic body with zinc diecasting coupling nut to assure the best performance. The 730 Series has both singlemode and multimode types and is suited to a range of applications. Different strain relief boots and crimp tubes are available.

Series 730 / ST Connector Specifications

Item	Multimode Zirconia Ferrule	Singlemode Zirconia Ferrule
Insertion Loss	≤ 0.24 dB Typical 0.5 dB Max.	≤ 0.29 dB Typical 0.5 dB Max.
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° to 80°	- 40° to 80°
Temperature Cycling(Loss Variation)	Insertion Loss ≤ 0.1 dB Return Loss ≤ 5 dB	Insertion Loss ≤ 0.1 dB Return Loss ≤ 5 dB
Vibration	Insertion Loss ≤ 0.1 dB Return Loss ≤ 5 dB	Insertion Loss ≤ 0.1 dB Return Loss ≤ 5 dB
Cable Retention	≥ 80 lb	≥ 80 lb
Cable Retention (Loss Variation)	Insertion Loss ≤ 0.1 dB Return Loss ≤ 5 dB	Insertion Loss ≤ 0.1 dB Return Loss ≤ 5 dB

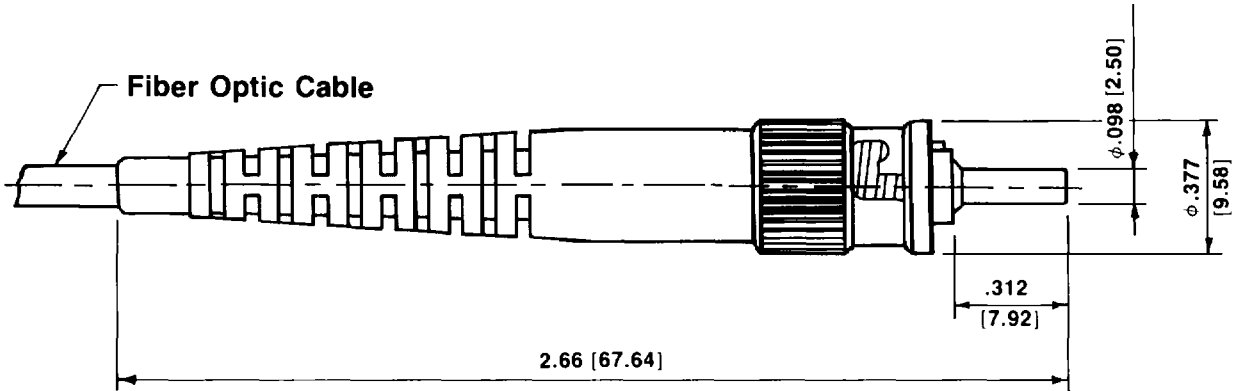
Ordering Information

Part Number	Description
730-0011-001	ST/PC Connector, 125 μ m Multimode Fiber, Plastic Body, High Grade
730-0021-001	ST/PC Connector, SM, 126 μ m - 127 μ m, Plastic Body
730-0022-001	ST/PC Connector, SM, 125 μ m - 126 μ m, Plastic Body
730-0021-002	ST/PC Connector, SM, 126 μ m - 127 μ m, Plastic Body, Buffer Fiber
730-0011-006	ST/PC Connector, 125 μ m Multimode Fiber, Metal Body, High Grade
730-0021-006	ST/PC Connector, SM, 126 μ m - 127 μ m, Metal Body
730-0011-008	ST/PC Connector, 125 μ m Multimode Fiber, Plastic Body, Standard Grade
730-0011-009	ST/PC Connector, 125 μ m Multimode Fiber, Metal Body, Standard Grade
740-0011-001	ST Adapter w/Phosphor Bronze Sleeve
740-0041-001	ST Adapter w/Zirconia Sleeve

Notes: Please consult factory about correct P/Ns for different boots or cable sizes.

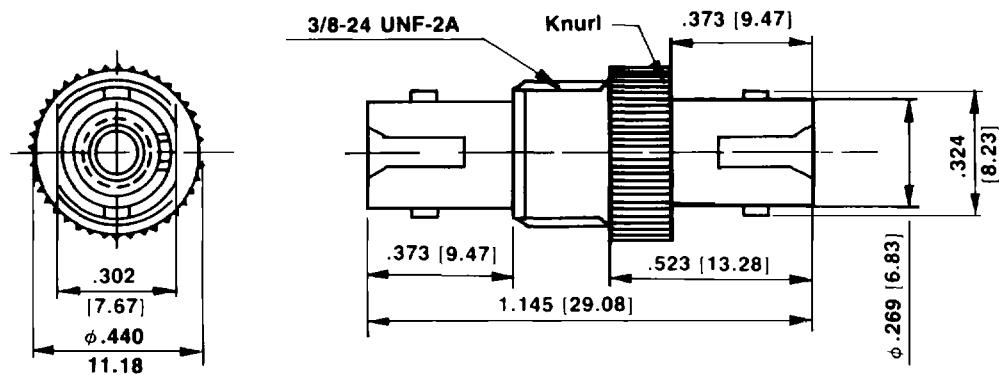
Mechanical Dimensions

Connector:



Note: Different types of boots are available

Threaded Adapter:



ST Adapter Features:

- No index matching gel needed.
- Nickel plated zinc housing with metal alignment sleeve offers high performance at low cost, zirconia alignment sleeve available.
- Intermateable with all industry standard offerings.
- In compliance with EIA specifications.

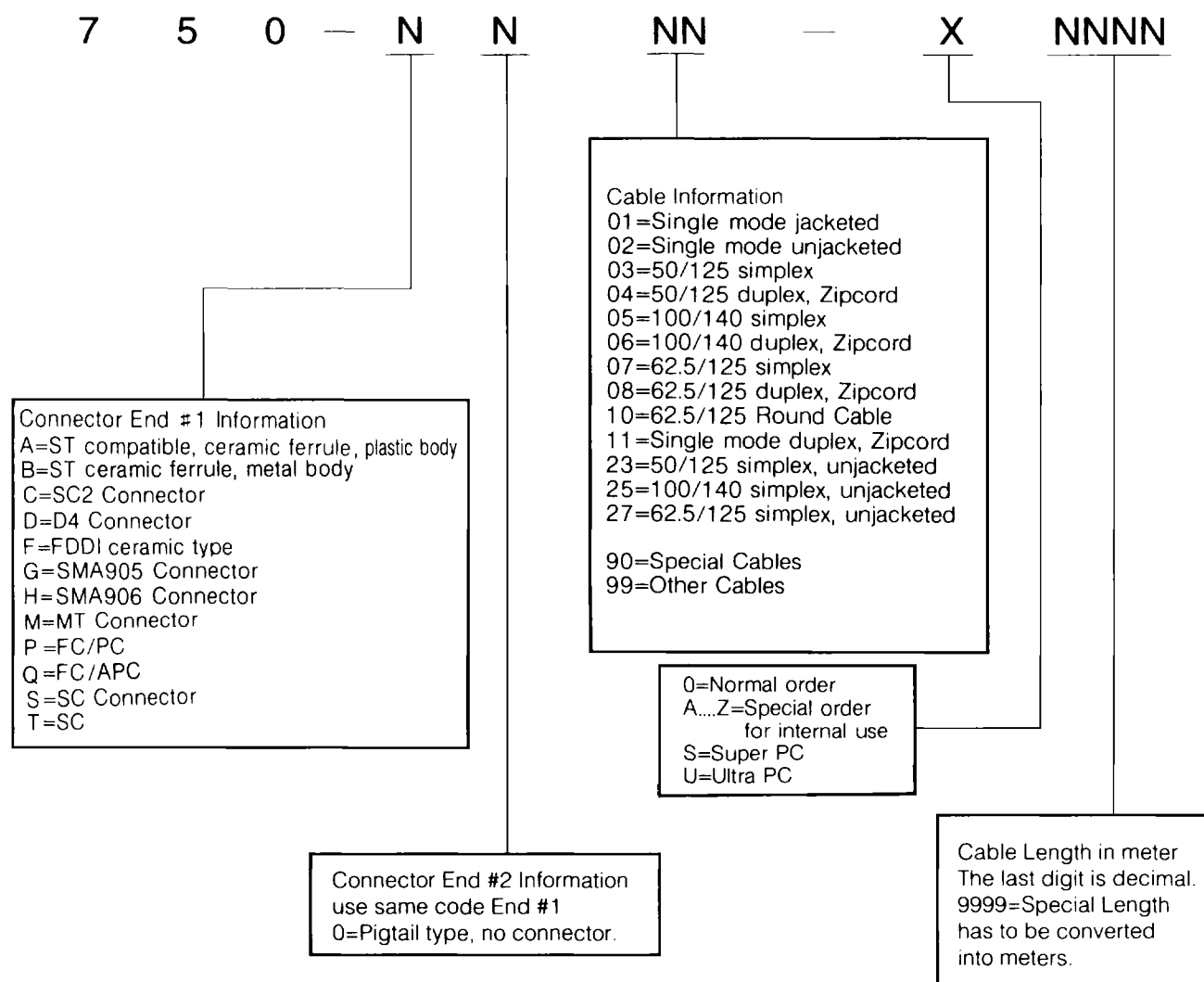
750 Series FIBER OPTIC CABLE ASSEMBLIES

Customized Capabilities

- High quality **AFOP** standard connectors, ST*, FDDI, SC and FC types.
- UL approved cables with high quality Corning fibers.
- Cable assemblies with standard length in stock.
- Hybrid cable assemblies available.
- Application specified assemblies available.

Ordering Information

-Standard Cable Assembly Ordering Chart



For non-standard and customized requirements contact Customer Service.

* ST is a registered trademark of AT&T

Alliance Fiber Optics Products Inc.

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